

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039166.D
 Acq On : 16 Jan 2019 20:54
 Operator : JU/SJ
 Sample : K1142-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Quant Time: Jan 17 04:04:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	18618	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	89636	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	63354	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	154797	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	166252	20.00	ng	-0.02
87) Perylene-d12	24.95	264	201671	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	205343	209.22	ng	-0.01
7) Phenol-d6	7.18	99	206043	145.88	ng	-0.01
23) Nitrobenzene-d5	9.19	82	134333	82.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	136778	128.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	378787	81.83	ng	-0.01
79) Terphenyl-d14	20.01	244	767567	85.41	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	10817	28.144 ng	91
3) Pyridine	3.85	79	32317	30.945 ng	97
4) n-Nitrosodimethylamine	3.78	42	23869	50.791 ng	97
6) Aniline	7.34	93	32233	19.002 ng	96
8) 2-Chlorophenol	7.58	128	51183	44.240 ng	98
9) Benzaldehyde	7.16	77	14077	17.282 ng	93
10) Phenol	7.21	94	68895	48.652 ng	98
11) bis(2-Chloroethyl)ether	7.44	93	39388	36.393 ng	99
12) 1,3-Dichlorobenzene	7.90	146	48227	34.792 ng	98
13) 1,4-Dichlorobenzene	8.05	146	52901	37.683 ng	96
14) 1,2-Dichlorobenzene	8.37	146	51564	38.523 ng	96
15) Benzyl Alcohol	8.26	79	49512	46.548 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	86147	41.510 ng	98
17) 2-Methylphenol	8.46	107	46244	47.030 ng	95
18) Hexachloroethane	9.09	117	17541	36.779 ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	39071	42.124 ng	# 96
20) 3+4-Methylphenols	8.79	107	67357	48.046 ng	# 99
22) Acetophenone	8.85	105	79167	33.820 ng	# 99
24) Nitrobenzene	9.24	77	62916	37.999 ng	98
25) Isophorone	9.75	82	139538	49.452 ng	98
26) 2-Nitrophenol	9.95	139	37565	41.945 ng	99
27) 2,4-Dimethylphenol	10.00	122	59893	47.535 ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	65947	38.887 ng	98
29) 2,4-Dichlorophenol	10.48	162	80083	51.162 ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	74830	39.787 ng	97
31) Naphthalene	10.89	128	184461	41.031 ng	98
32) Benzoic acid	10.15	122	8480	18.237 ng	92
33) 4-Chloroaniline	11.01	127	19269	9.579 ng	96
34) Hexachlorobutadiene	11.14	225	52966	40.928 ng	96
35) Caprolactam	11.78	113	13062	20.810 ng	95
36) 4-Chloro-3-methylphenol	12.13	107	71256	42.562 ng	95
37) 2-Methylnaphthalene	12.48	142	136983	40.641 ng	97
38) 1-Methylnaphthalene	12.71	142	130225	40.253 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	88231	37.083 ng	99

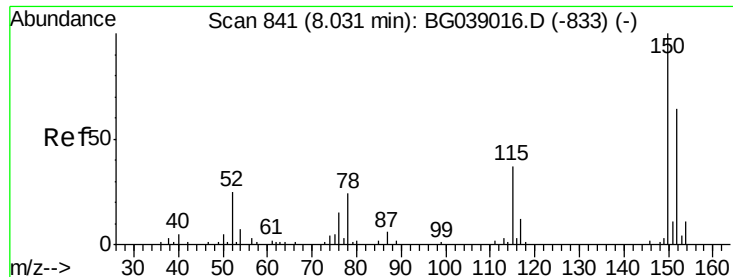
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039166.D
 Acq On : 16 Jan 2019 20:54
 Operator : JU/SJ
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Quant Time: Jan 17 04:04:01 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	83983	63.914	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	62179	41.522	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	65458	41.358	ng	96
46) 1,1'-Biphenyl	13.49	154	188681	37.586	ng	99
47) 2-Chloronaphthalene	13.54	162	152696	37.588	ng	99
48) 2-Nitroaniline	13.76	65	43890	38.565	ng	95
49) Acenaphthylene	14.39	152	248599	40.714	ng	99
50) Dimethylphthalate	14.11	163	310958	58.083	ng	100
51) 2,6-Dinitrotoluene	14.25	165	46214	38.610	ng	99
52) Acenaphthene	14.72	154	142919	38.957	ng	97
53) 3-Nitroaniline	14.58	138	19725	16.245	ng	87
54) 2,4-Dinitrophenol	14.79	184	30776	45.497	ng	91
55) Dibenzofuran	15.06	168	258775	39.939	ng	100
56) 4-Nitrophenol	14.89	139	64464	73.785	ng	99
57) 2,4-Dinitrotoluene	15.03	165	66571	38.766	ng	96
58) Fluorene	15.71	166	201055	41.225	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.29	232	63220	42.315	ng	99
60) Diethylphthalate	15.46	149	217516	39.434	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	117293	38.174	ng	97
62) 4-Nitroaniline	15.75	138	42986	33.983	ng	98
63) Azobenzene	15.99	77	162336	37.633	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33899	29.559	ng	97
66) n-Nitrosodiphenylamine	15.91	169	184131	40.125	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	80050	40.229	ng	96
68) Hexachlorobenzene	16.70	284	84241	38.798	ng	97
69) Atrazine	16.85	200	73242	37.570	ng	97
70) Pentachlorophenol	17.05	266	76878	58.951	ng	97
71) Phenanthrene	17.45	178	344081	42.053	ng	98
72) Anthracene	17.54	178	349589	43.213	ng	99
73) Carbazole	17.82	167	305769	38.287	ng	99
74) Di-n-butylphthalate	18.35	149	352508	39.677	ng	99
75) Fluoranthene	19.46	202	464122	45.757	ng	99
77) Benzidine	19.65	184	68276	13.427	ng	99
78) Pyrene	19.82	202	504330	47.601	ng	99
80) Butylbenzylphthalate	20.69	149	218827	54.304	ng	99
81) Benzo(a)anthracene	21.67	228	426759	42.168	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	66921	16.229	ng	100
83) Chrysene	21.73	228	389240	40.438	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	237363	42.422	ng	95
85) Di-n-octyl phthalate	22.74	149	377085	39.856	ng	100
86) Indeno(1,2,3-cd)pyrene	28.68	276	520092	45.219	ng	# 95
88) Benzo(b)fluoranthene	23.91	252	434886	39.108	ng	98
89) Benzo(k)fluoranthene	23.97	252	434110	39.483	ng	97
90) Benzo(a)pyrene	24.79	252	468492	43.587	ng	99
91) Dibenzo(a,h)anthracene	28.75	278	422465	39.515	ng	100
92) Benzo(g,h,i)perylene	29.87	276	412969	39.018	ng	97

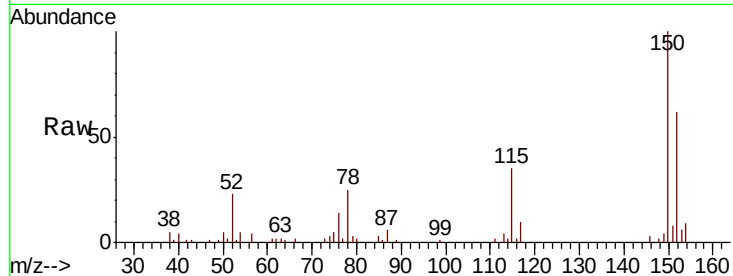
(#) = qualifier out of range (m) = manual integration (+) = signals summed



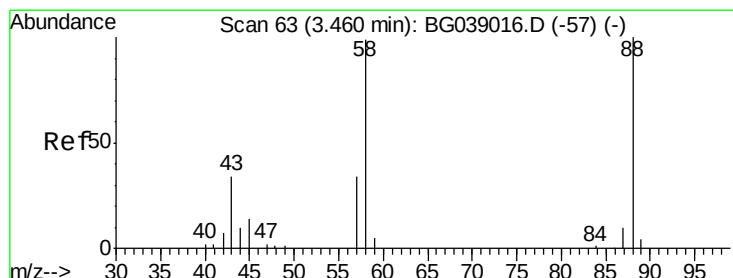
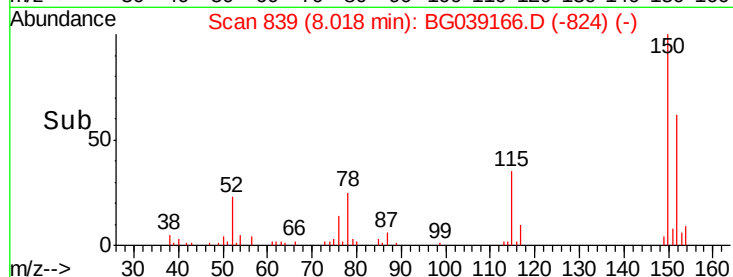
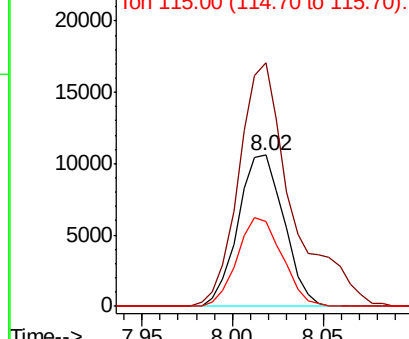
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:152 Resp: 18618
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.7 187.1
 115 56.6 46.5 69.7

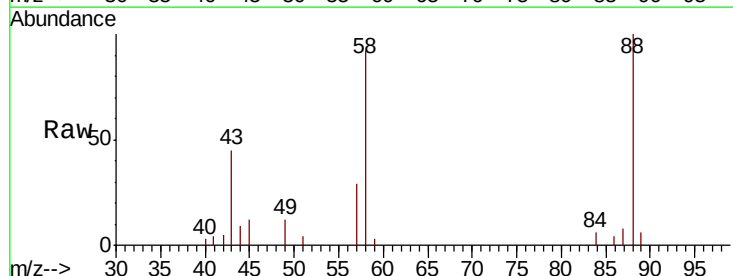


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

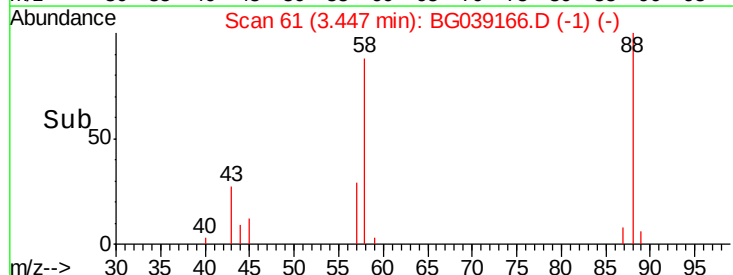
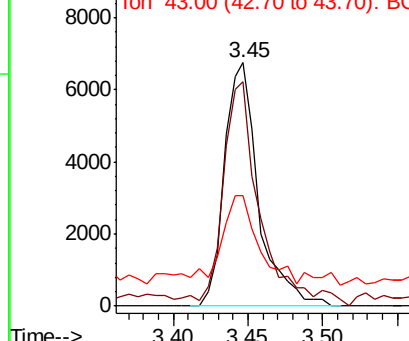


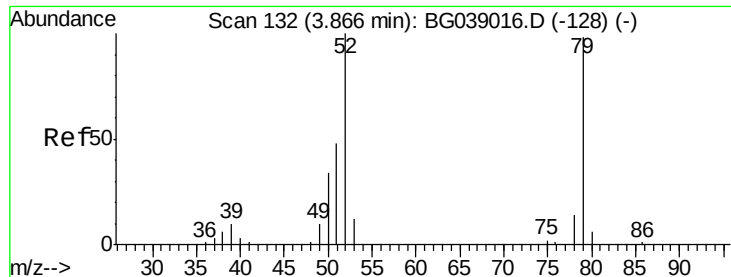
#2
 1,4-Dioxane
 Concen: 28.144 ng
 RT: 3.45 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion: 88 Resp: 10817
 Ion Ratio Lower Upper
 88 100
 58 100.4 72.4 108.6
 43 37.7 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.945 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

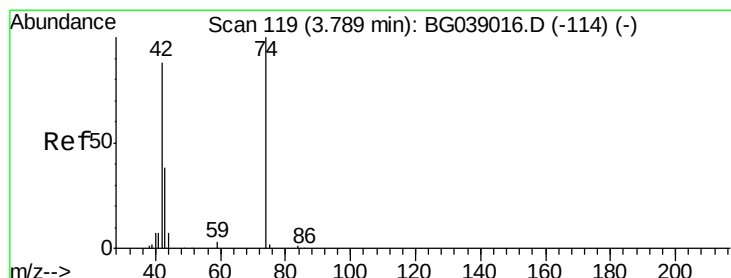
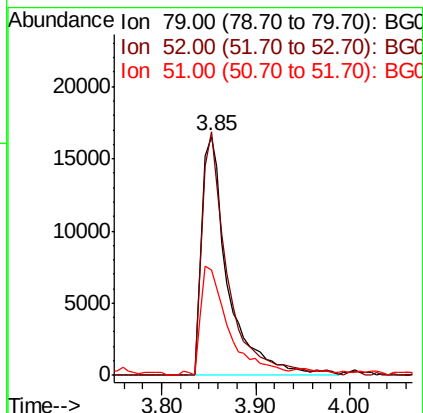
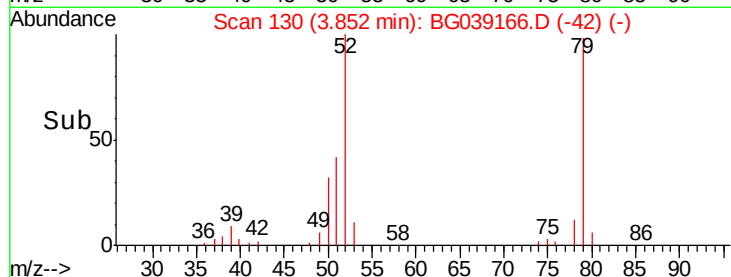
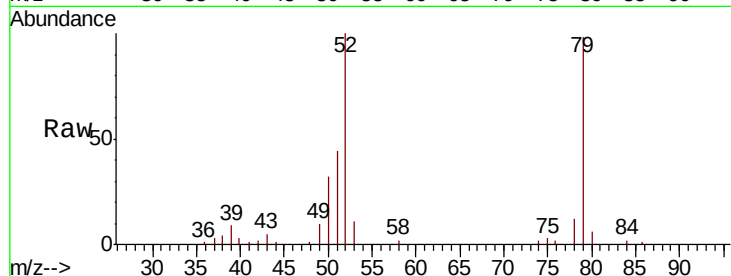
Tgt Ion: 79 Resp: 32317

Ion Ratio Lower Upper

79 100

52 101.8 81.5 122.3

51 44.3 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 50.791 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

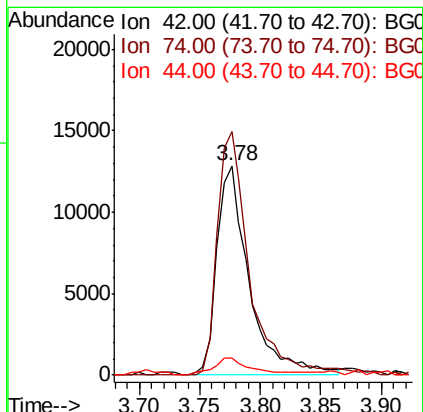
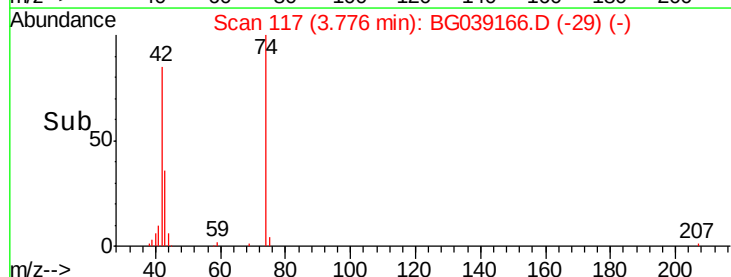
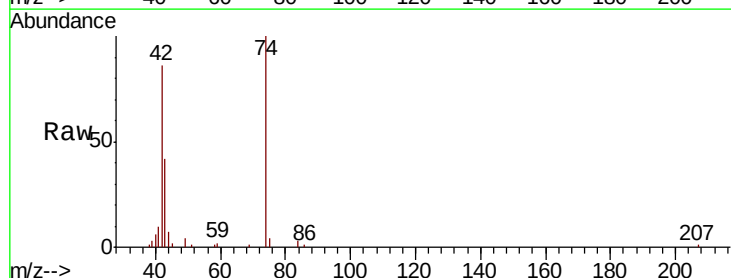
Tgt Ion: 42 Resp: 23869

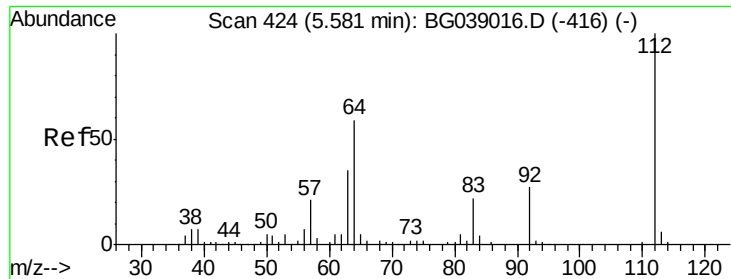
Ion Ratio Lower Upper

42 100

74 116.4 90.7 136.1

44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 209.223 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

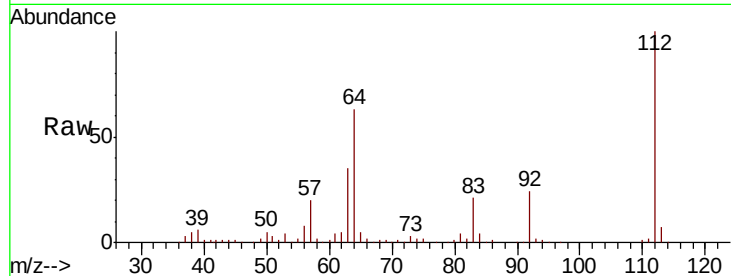
Tgt Ion: 112 Resp: 205343

Ion Ratio Lower Upper

112 100

64 63.4 47.0 70.6

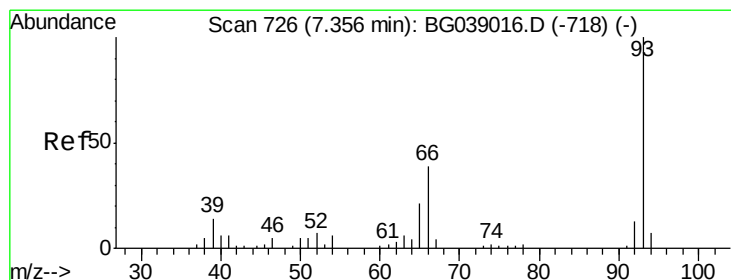
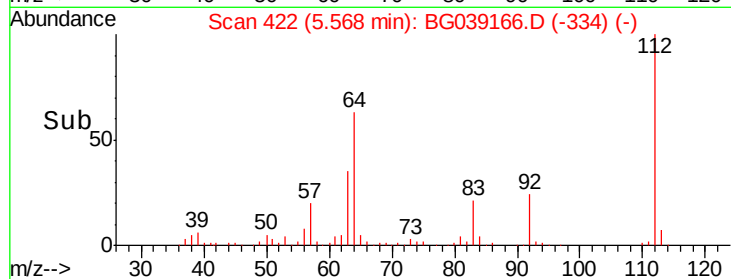
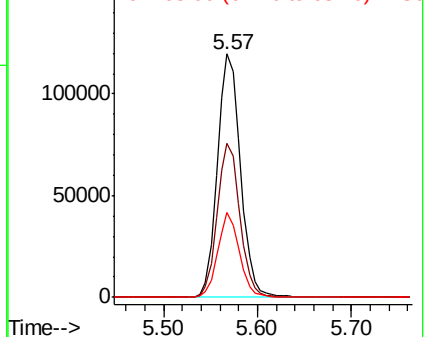
63 34.6 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.002 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

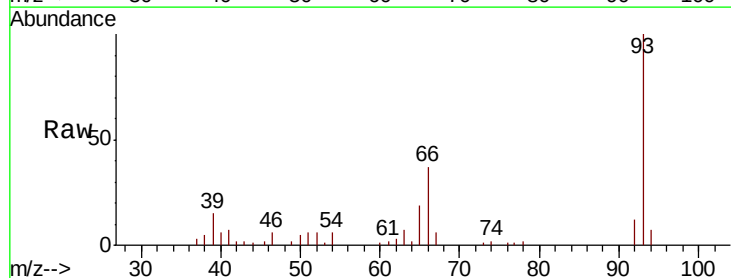
Tgt Ion: 93 Resp: 32233

Ion Ratio Lower Upper

93 100

66 36.5 30.9 46.3

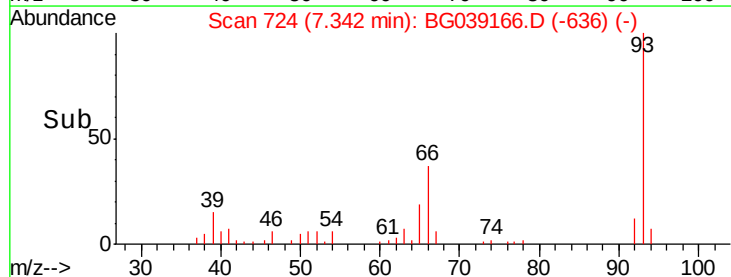
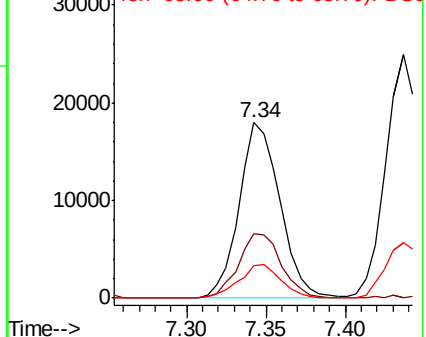
65 18.8 17.0 25.4

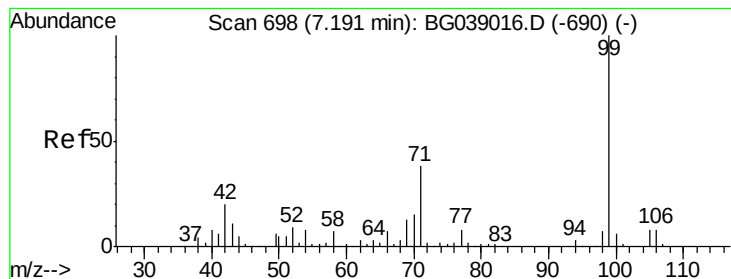


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.877 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

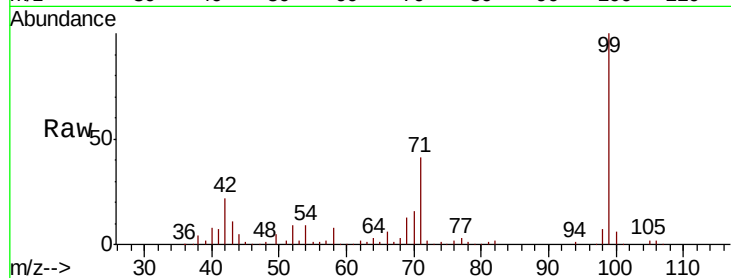
Tgt Ion: 99 Resp: 206043

Ion Ratio Lower Upper

99 100

42 21.9 15.8 23.6

71 40.7 30.2 45.4

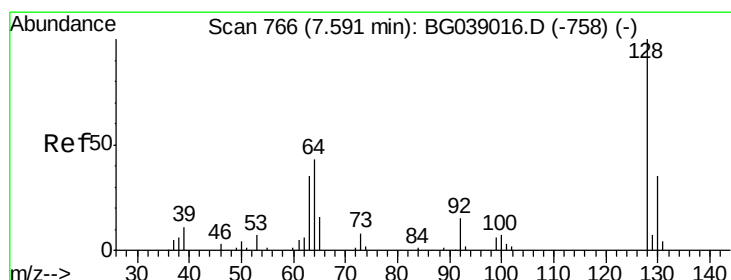
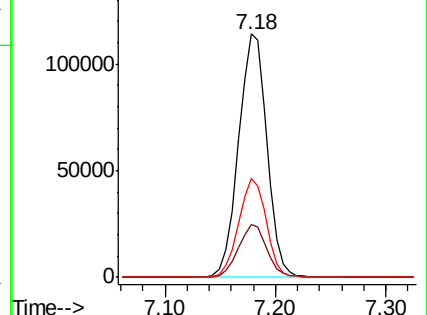
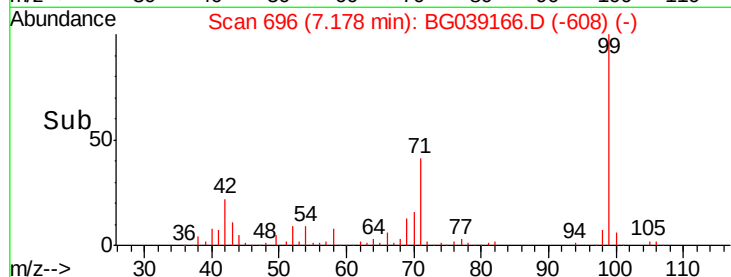


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.240 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

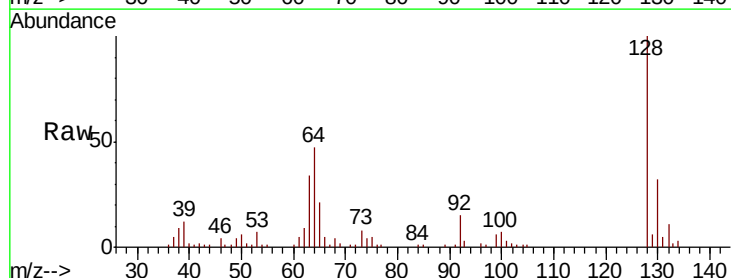
Tgt Ion: 128 Resp: 51183

Ion Ratio Lower Upper

128 100

130 31.8 14.5 54.5

64 47.1 27.3 67.3

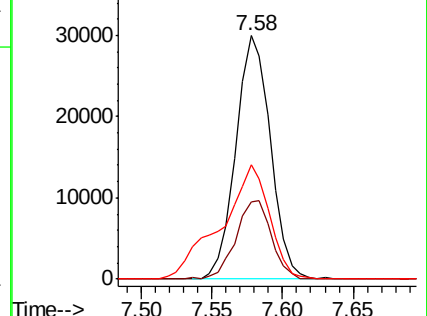
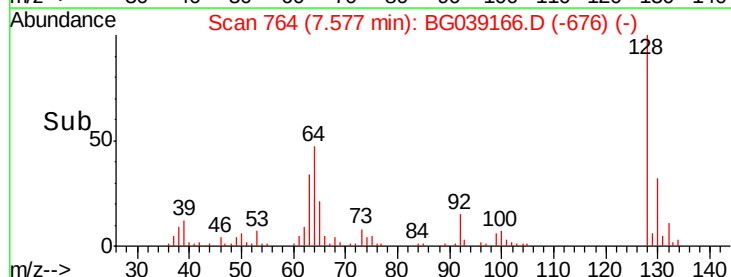


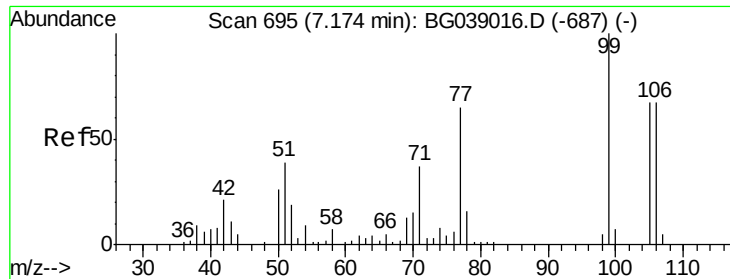
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.282 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

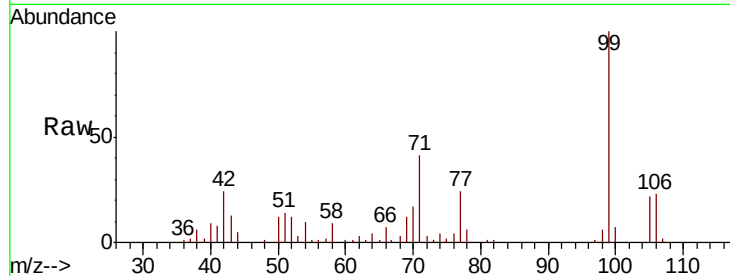
Tgt Ion: 77 Resp: 14077

Ion Ratio Lower Upper

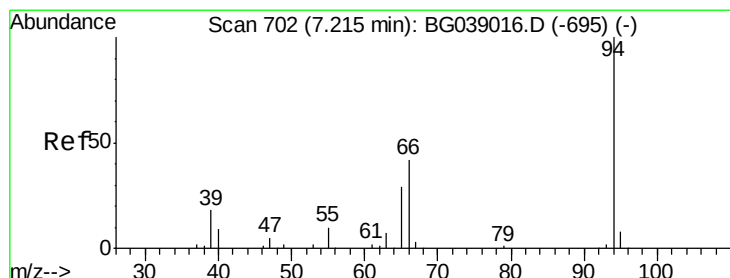
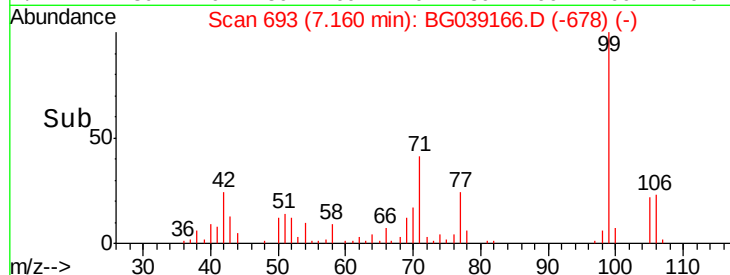
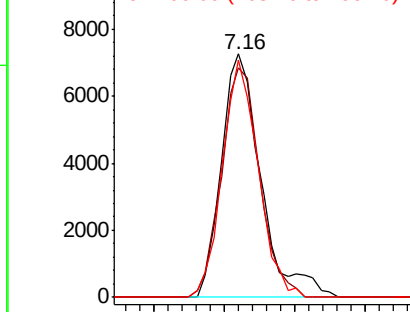
77 100

105 94.3 82.4 122.4

106 97.4 82.8 122.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.652 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

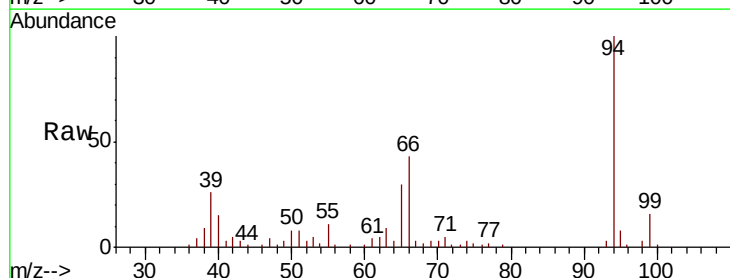
Tgt Ion: 94 Resp: 68895

Ion Ratio Lower Upper

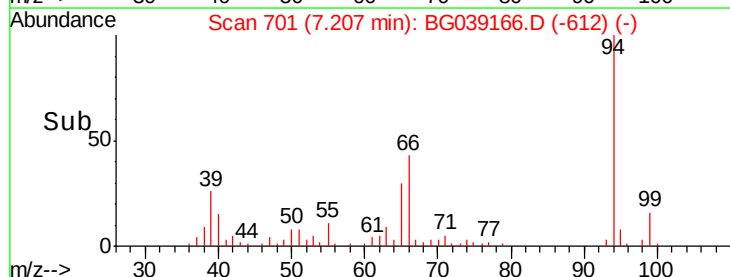
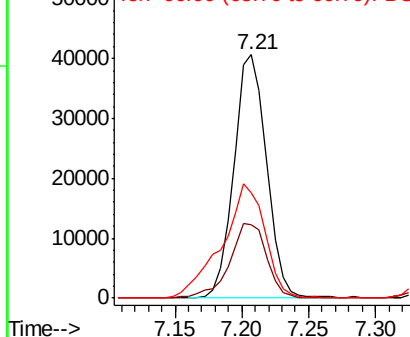
94 100

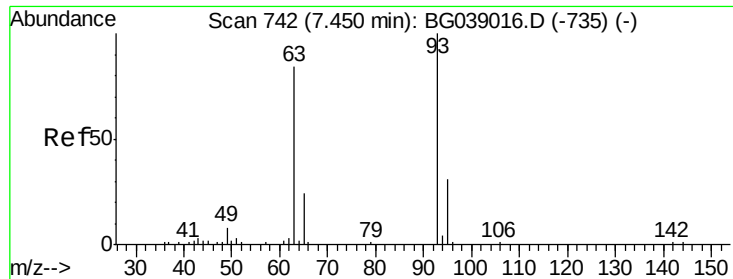
65 30.2 10.3 50.3

66 43.5 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

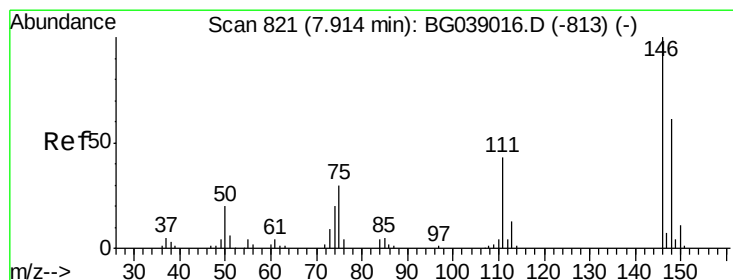
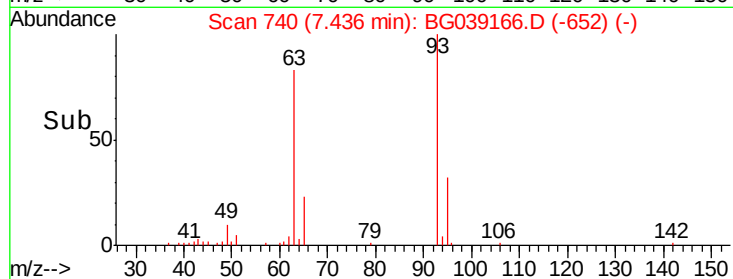
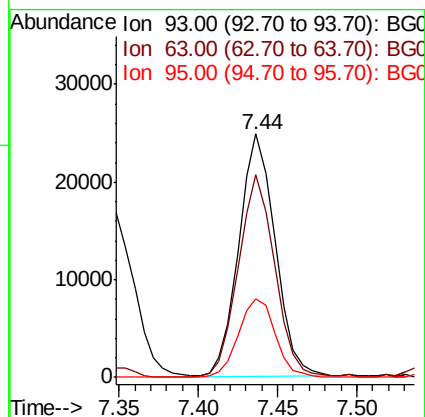
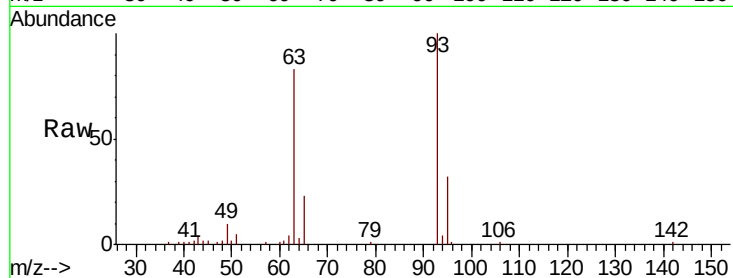




#11
bis(2-Chloroethyl)ether
Concen: 36.393 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

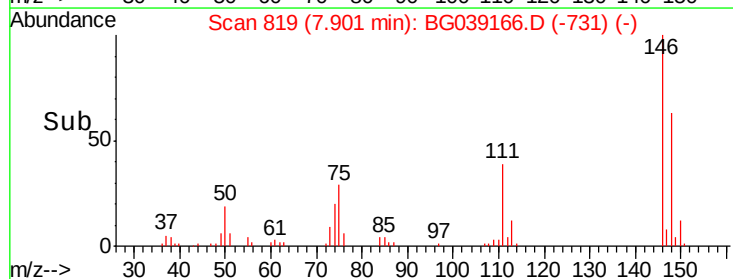
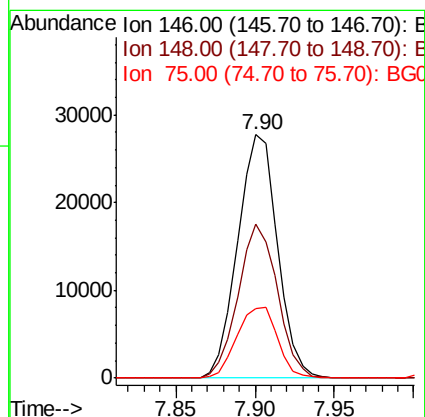
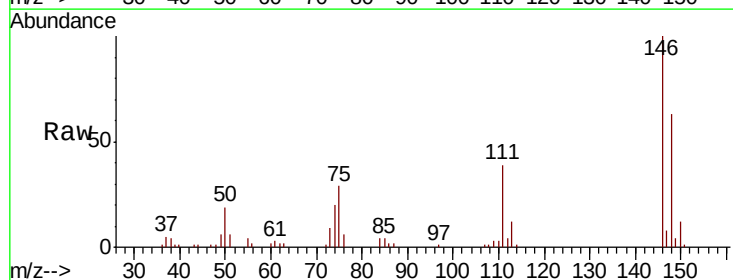
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

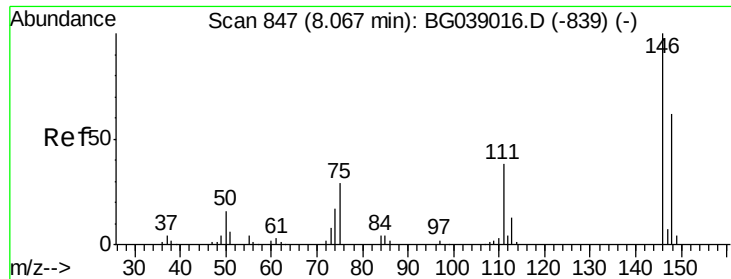
Tgt Ion: 93 Resp: 39388
Ion Ratio Lower Upper
93 100
63 83.2 63.2 103.2
95 32.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 34.792 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion: 146 Resp: 48227
Ion Ratio Lower Upper
146 100
148 63.1 49.1 73.7
75 28.8 23.9 35.9

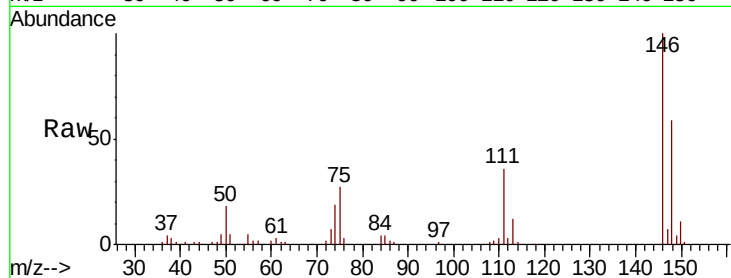




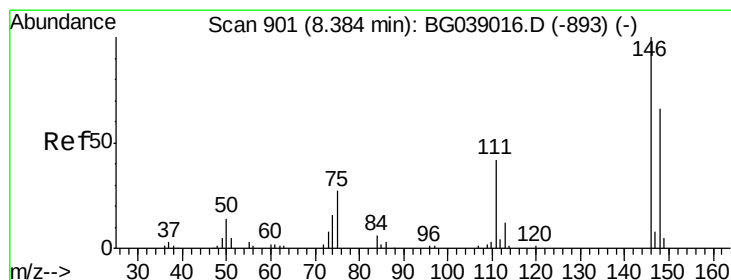
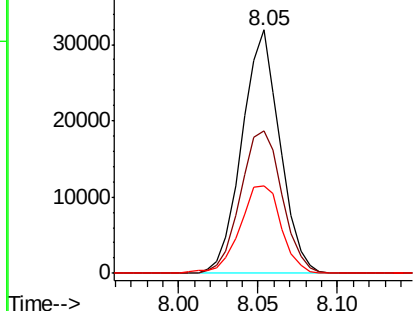
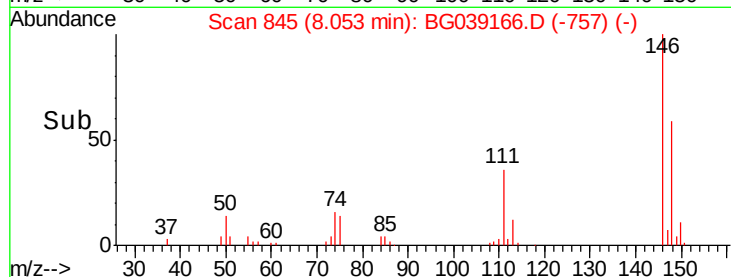
#13
 1,4-Dichlorobenzene
 Concen: 37.683 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:146 Resp: 52901
 Ion Ratio Lower Upper
 146 100
 148 58.7 49.8 74.6
 111 35.9 30.6 45.8

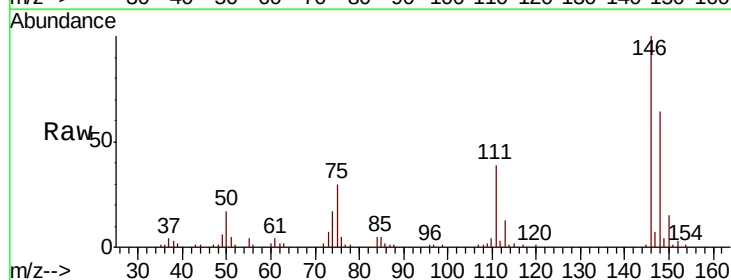


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

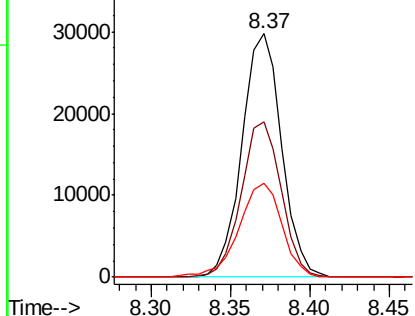
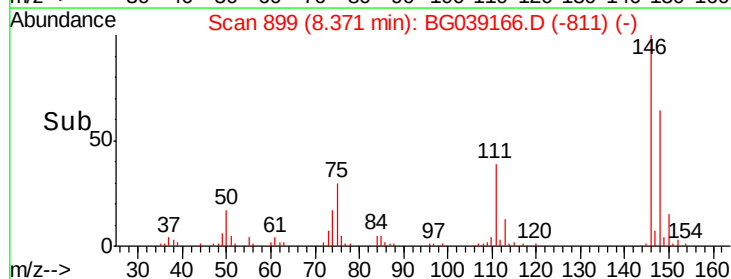


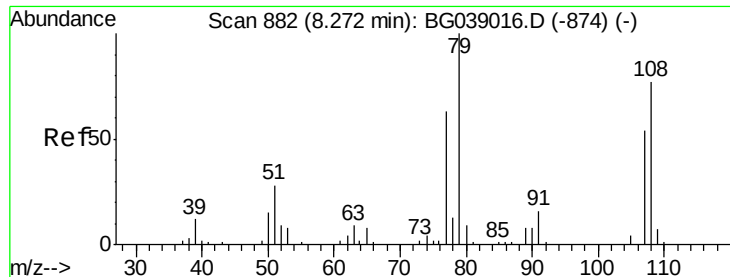
#14
 1,2-Dichlorobenzene
 Concen: 38.523 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion:146 Resp: 51564
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.6 79.0
 111 38.5 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.548 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

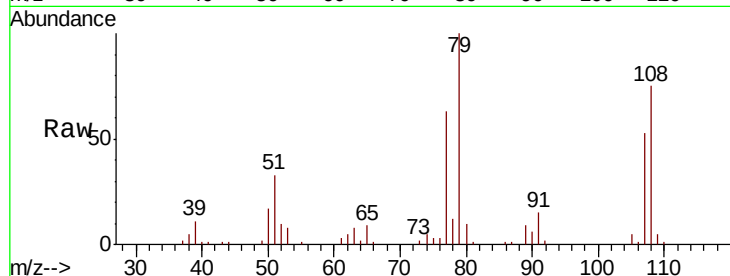
Tgt Ion: 79 Resp: 49512

Ion Ratio Lower Upper

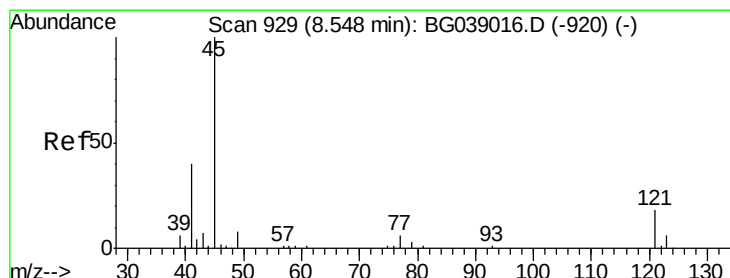
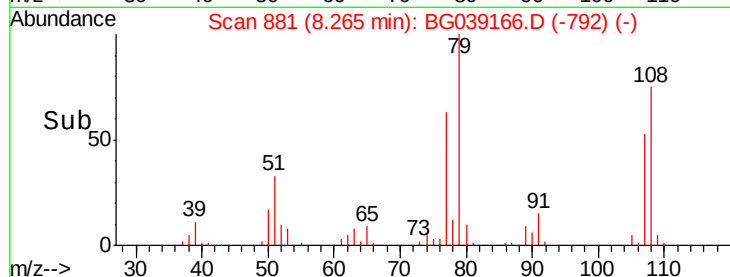
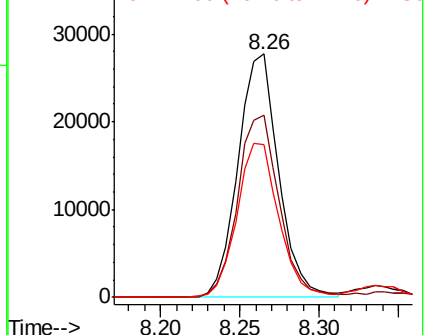
79 100

108 74.6 62.0 93.0

77 62.8 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.510 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

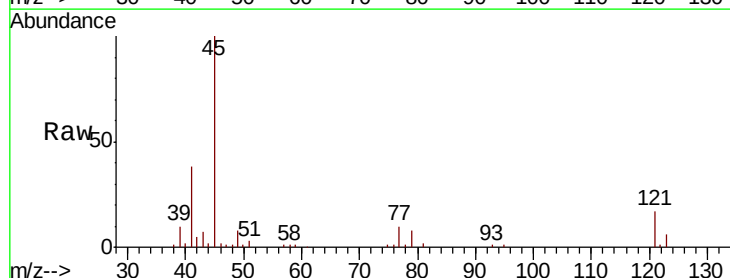
Tgt Ion: 45 Resp: 86147

Ion Ratio Lower Upper

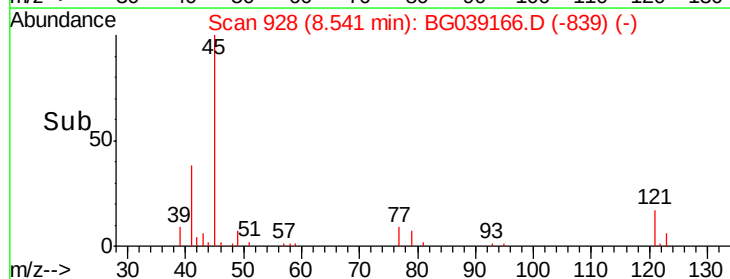
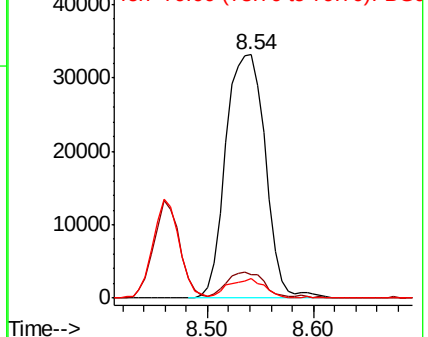
45 100

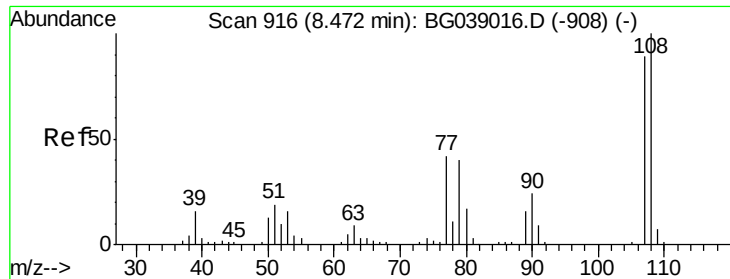
77 9.7 0.0 30.7

79 8.0 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

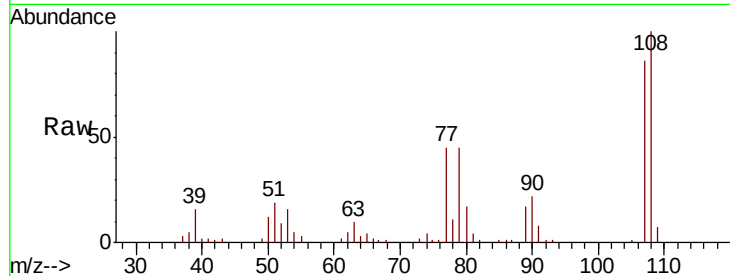




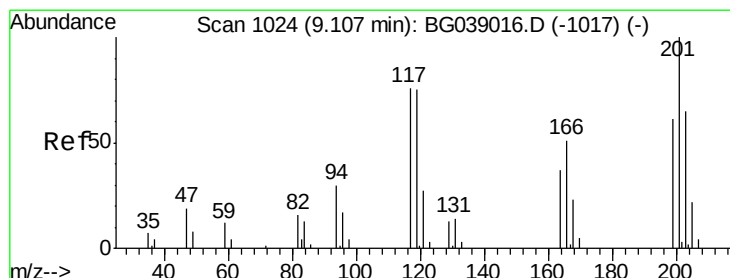
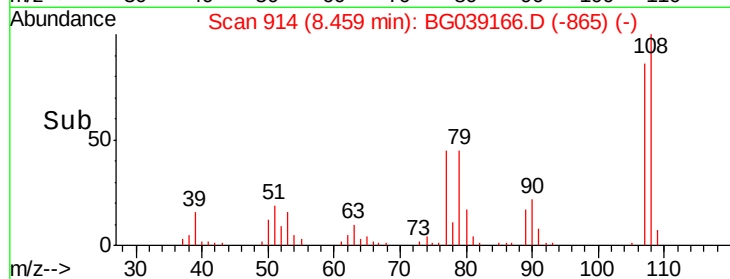
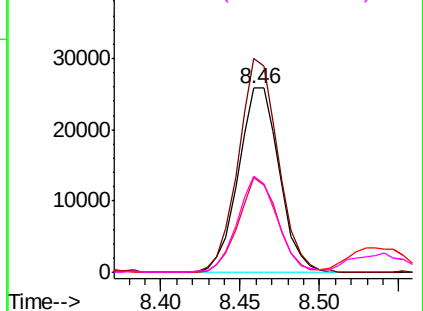
#17
2-Methylphenol
Concen: 47.030 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:107 Resp: 46244
Ion Ratio Lower Upper
107 100
108 115.9 90.3 135.5
77 51.8 38.3 57.5
79 51.8 35.8 53.6

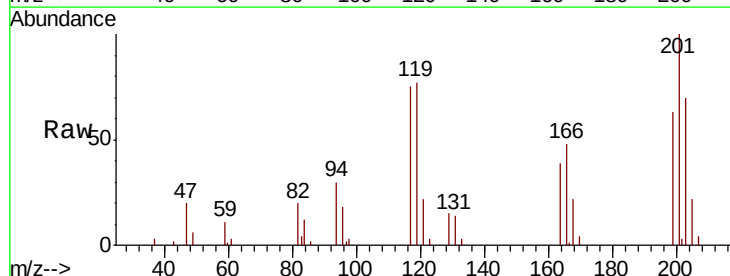


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

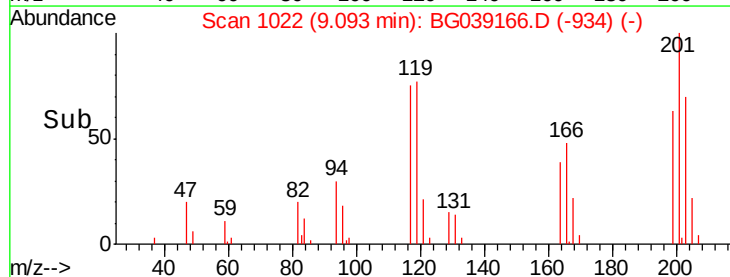
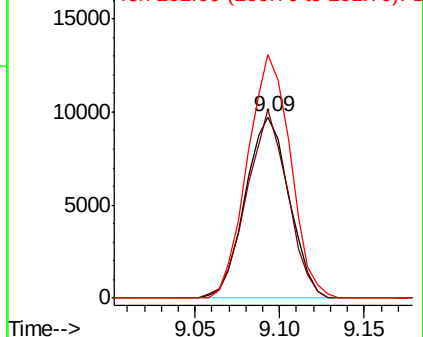


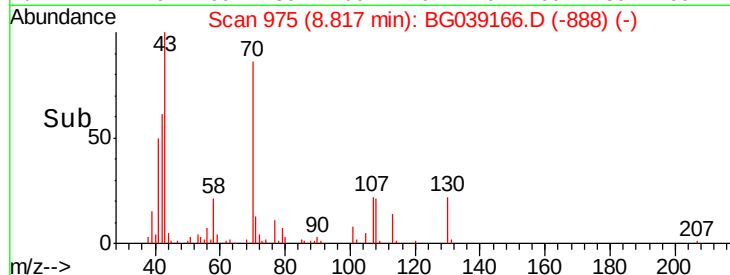
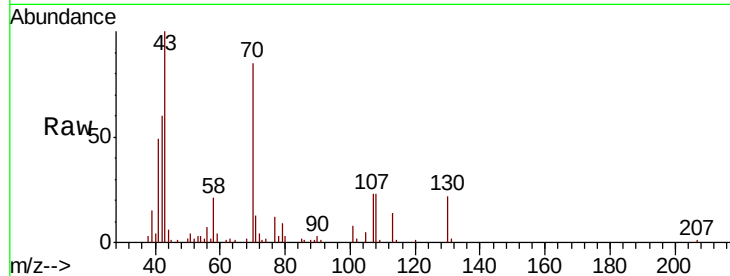
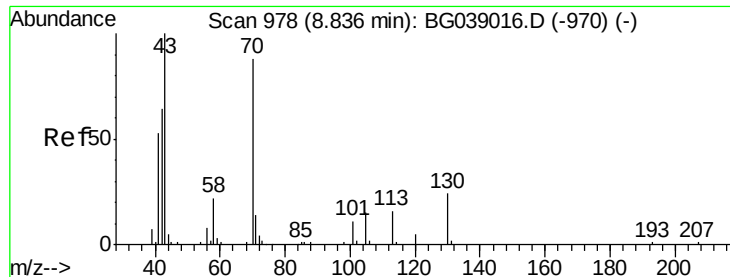
#18
Hexachloroethane
Concen: 36.779 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:117 Resp: 17541
Ion Ratio Lower Upper
117 100
119 103.9 78.7 118.1
201 138.3 108.1 162.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

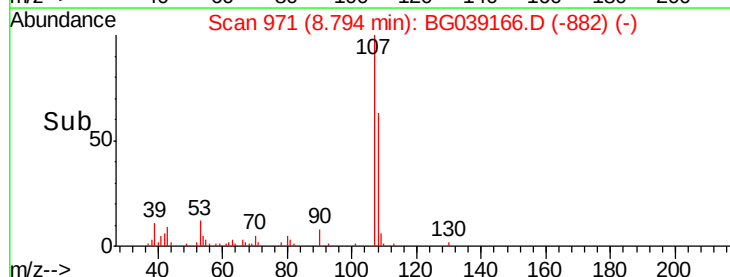
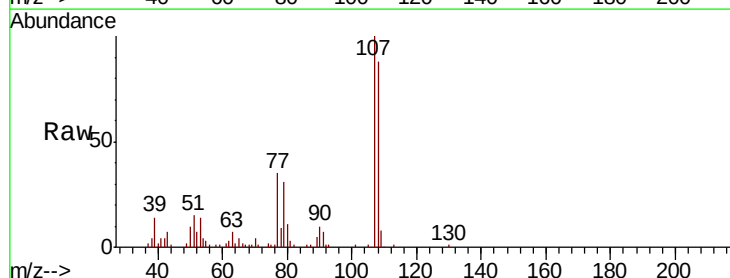
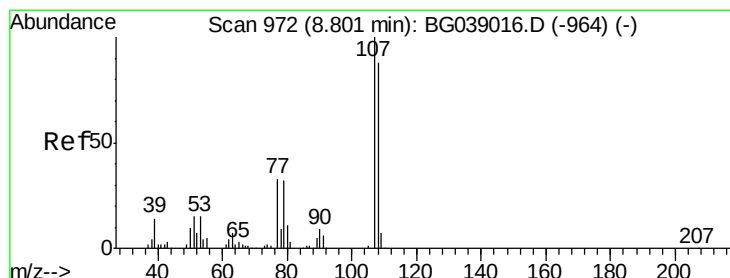
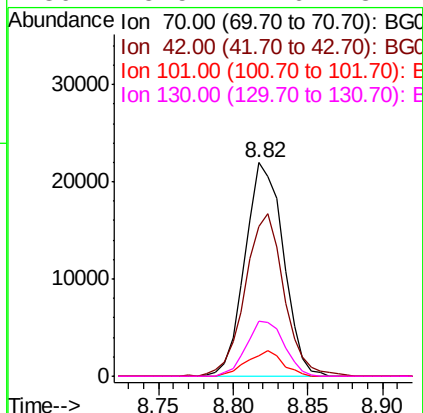




#19
n-Nitroso-di-n-propylamine
Concen: 42.124 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

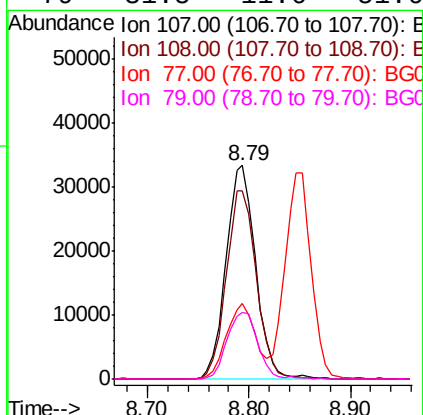
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

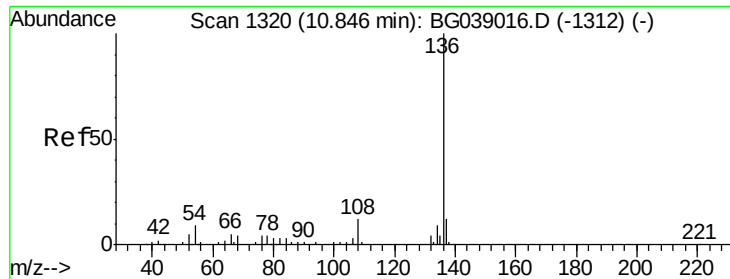
Tgt Ion:	70	Resp:	39071
Ion	Ratio	Lower	Upper
70	100		
42	70.4	59.0	88.4
101	9.7	10.4	15.6#
130	25.5	21.6	32.4



#20
3+4-Methylphenols
Concen: 48.046 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:	107	Resp:	67357
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.4	108.4
77	35.2	13.3	53.3
79	31.5	11.6	51.6

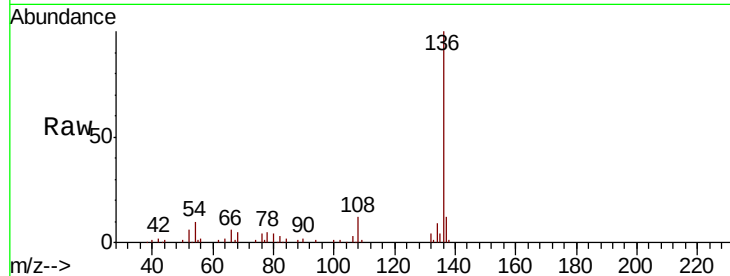




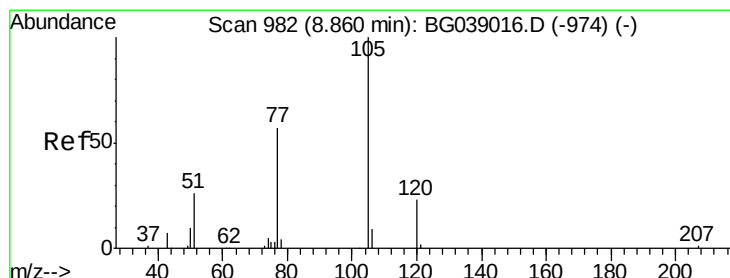
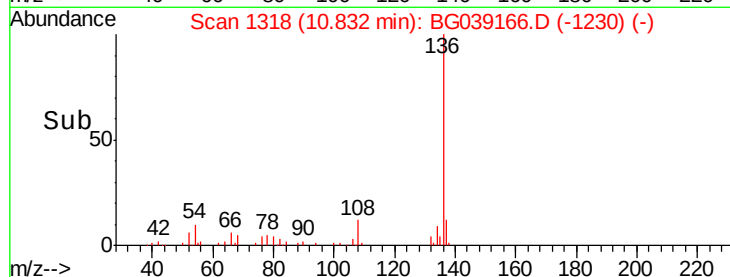
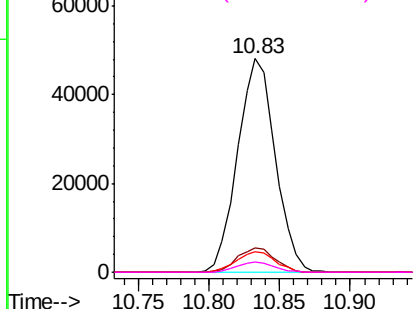
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:	136	Resp:	89636
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	9.9	7.2	10.8
68	4.8	3.5	5.3

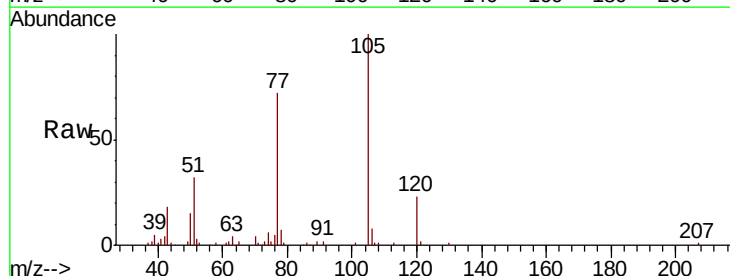


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

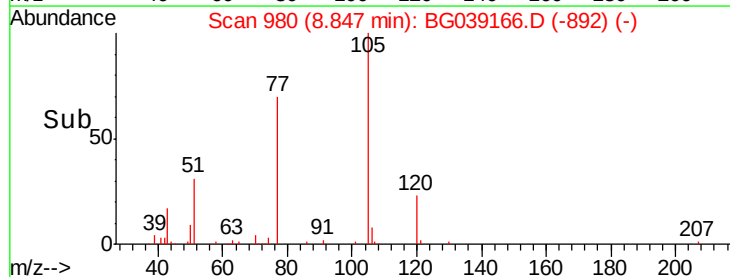
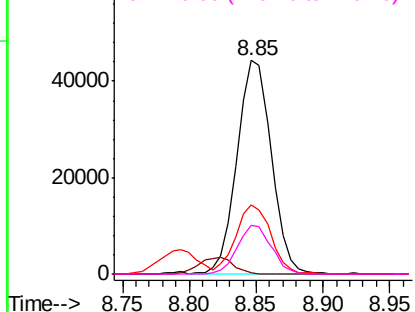


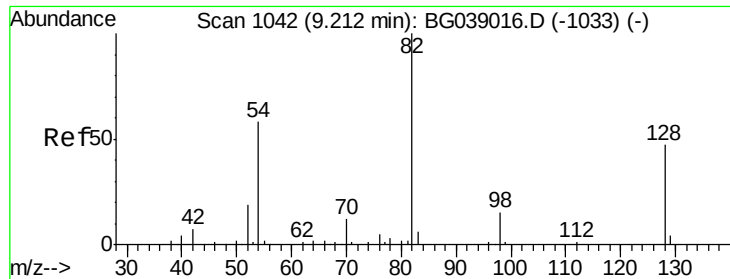
#22
Acetophenone
Concen: 33.820 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:	105	Resp:	79167
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	32.3	26.6	39.8
120	23.1	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

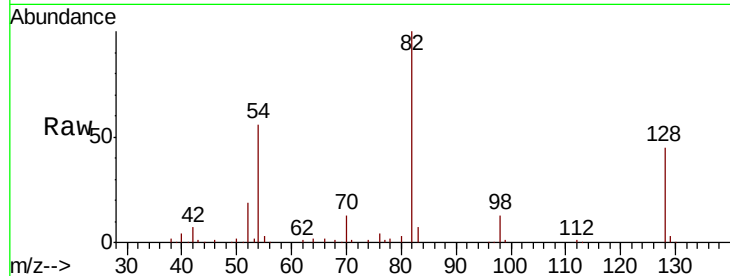




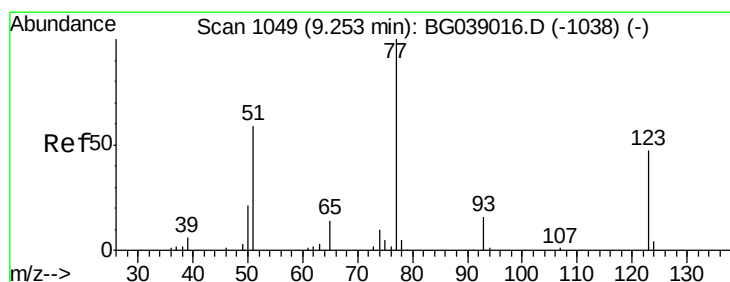
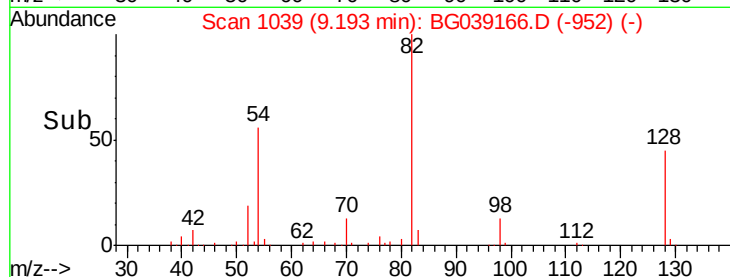
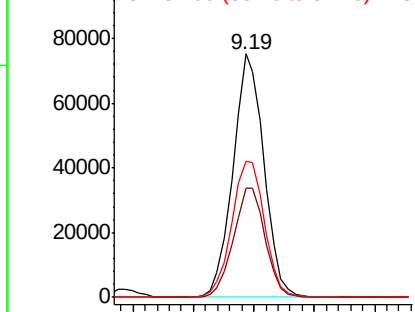
#23
Nitrobenzene-d5
Concen: 82.005 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion: 82 Resp: 134333
Ion Ratio Lower Upper
82 100
128 44.8 37.3 55.9
54 55.9 46.4 69.6

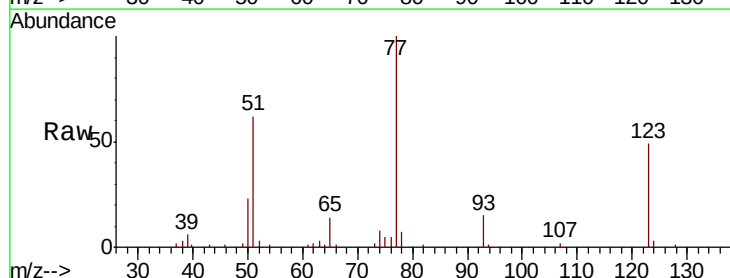


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

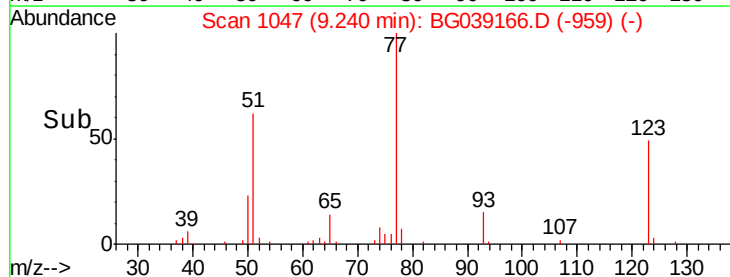
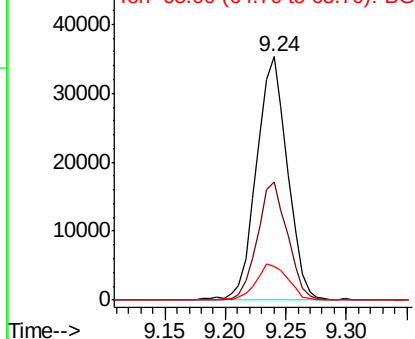


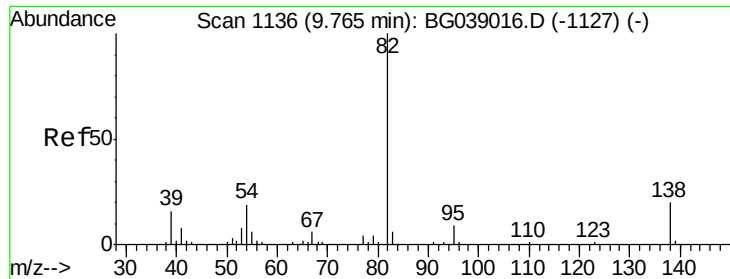
#24
Nitrobenzene
Concen: 37.999 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion: 77 Resp: 62916
Ion Ratio Lower Upper
77 100
123 48.7 37.6 56.4
65 14.1 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.452 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

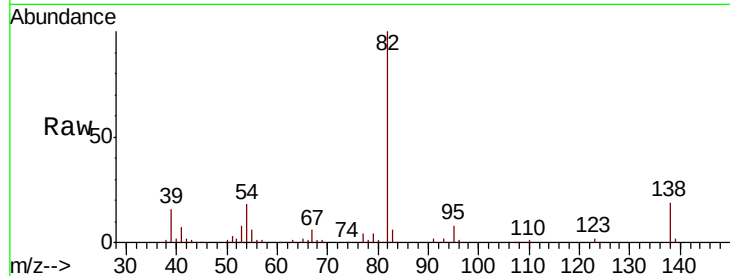
Tgt Ion: 82 Resp: 139538

Ion Ratio Lower Upper

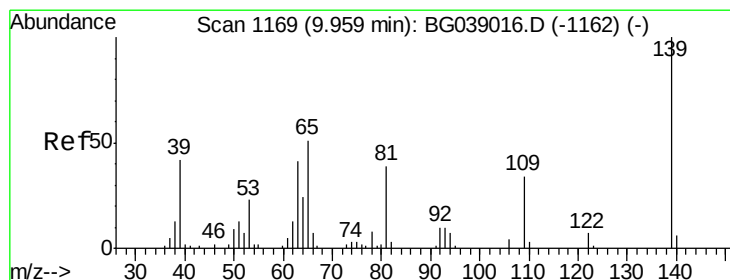
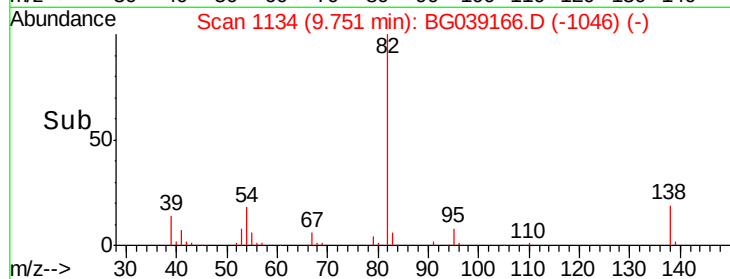
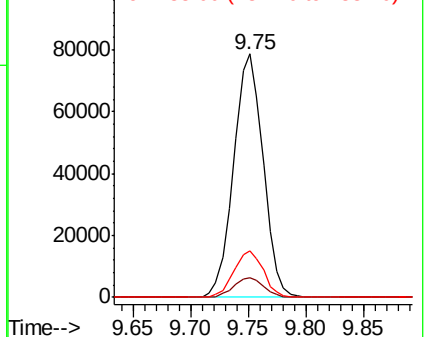
82 100

95 8.3 7.0 10.6

138 19.0 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.945 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

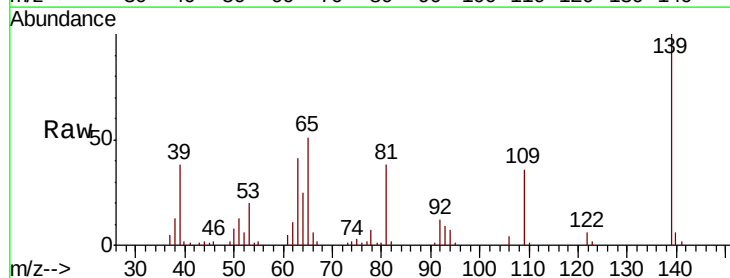
Tgt Ion: 139 Resp: 37565

Ion Ratio Lower Upper

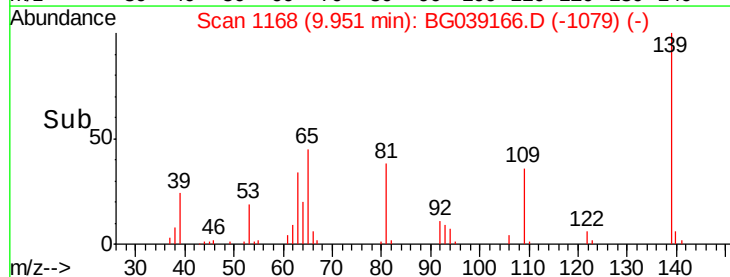
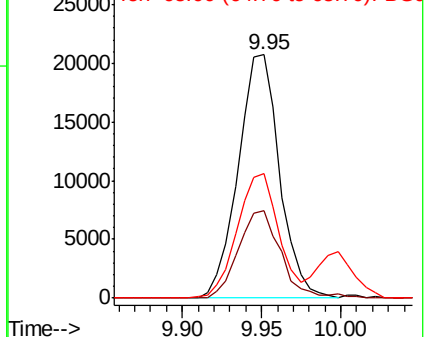
139 100

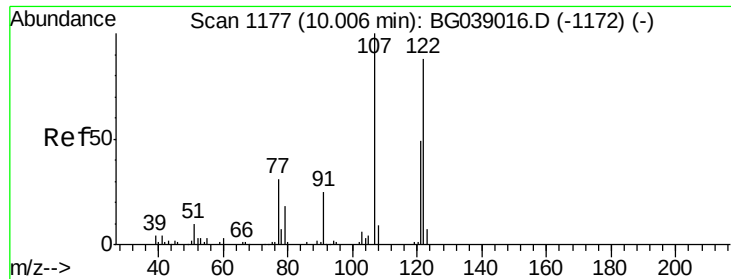
109 35.7 27.3 40.9

65 51.1 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

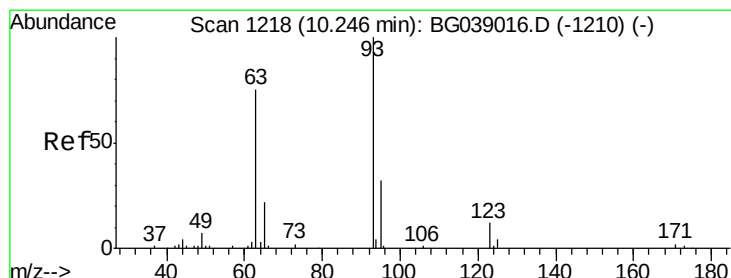
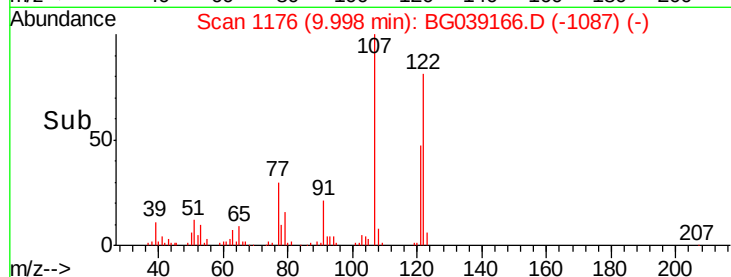
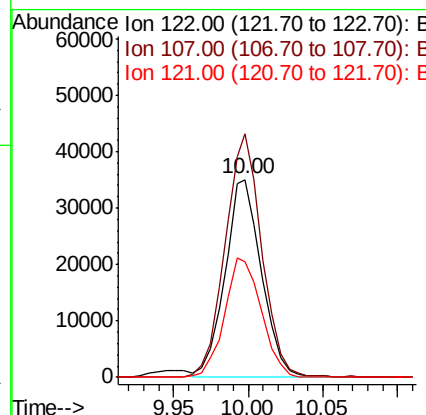
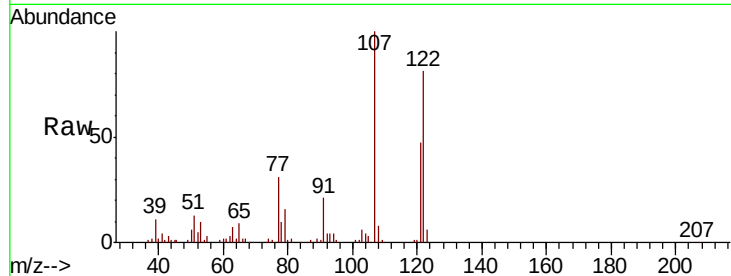




#27
 2,4-Dimethylphenol
 Concen: 47.535 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

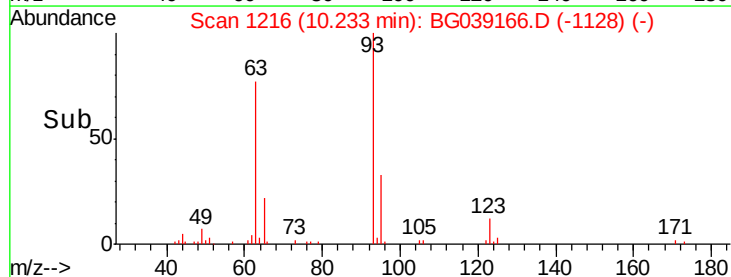
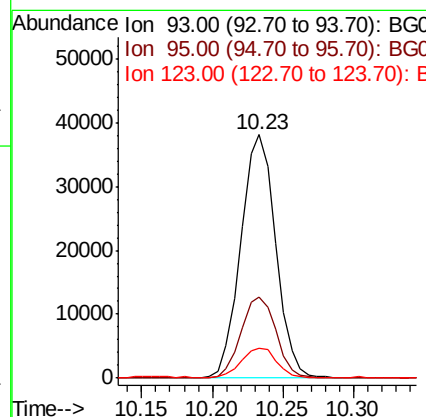
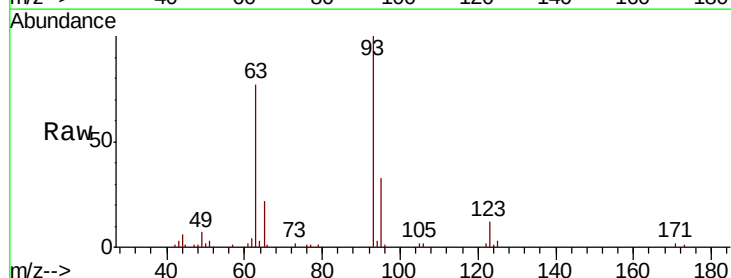
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

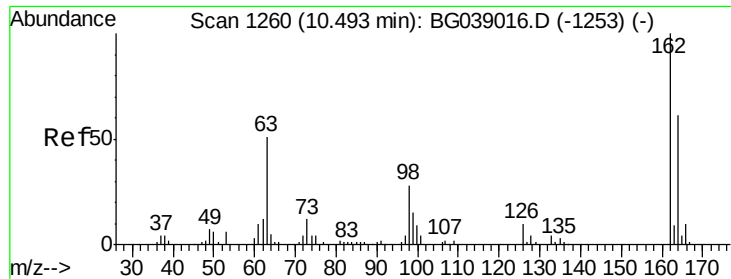
Tgt Ion:122 Resp: 59893
 Ion Ratio Lower Upper
 122 100
 107 123.1 88.8 133.2
 121 58.4 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.887 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion: 93 Resp: 65947
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.6 38.4
 123 12.3 10.1 15.1

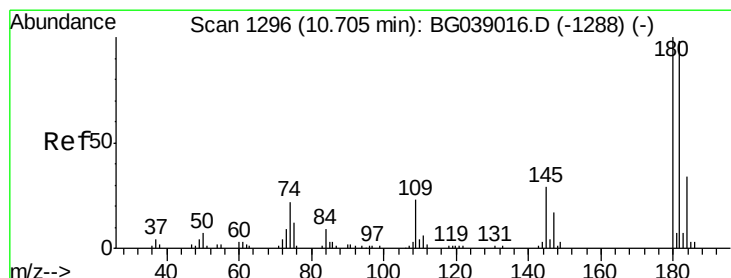
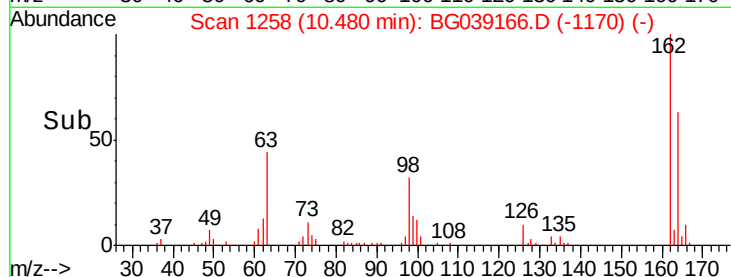
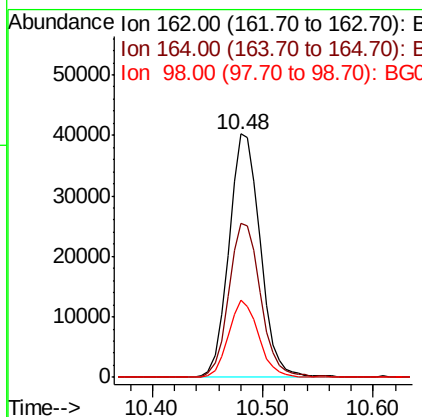
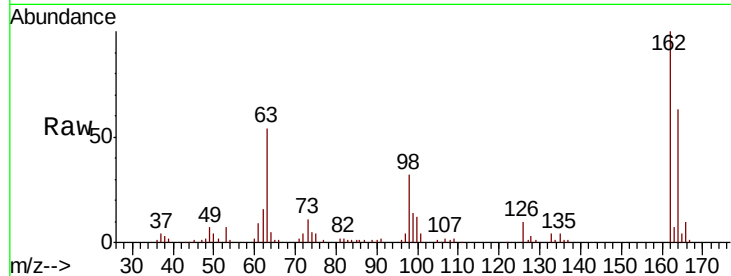




#29
 2,4-Dichlorophenol
 Concen: 51.162 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

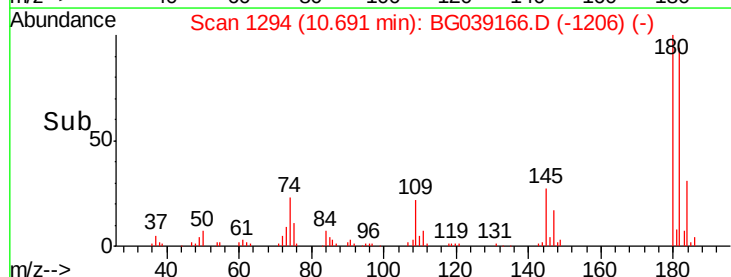
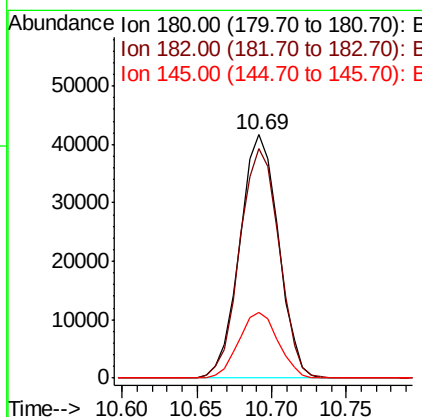
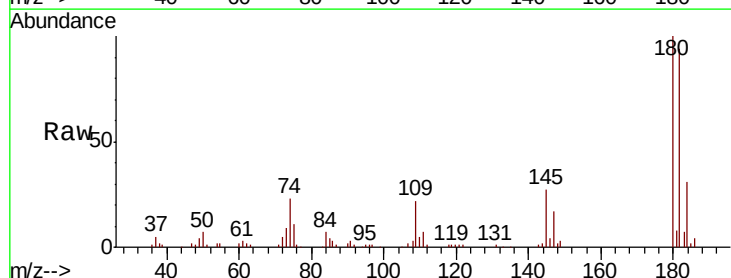
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

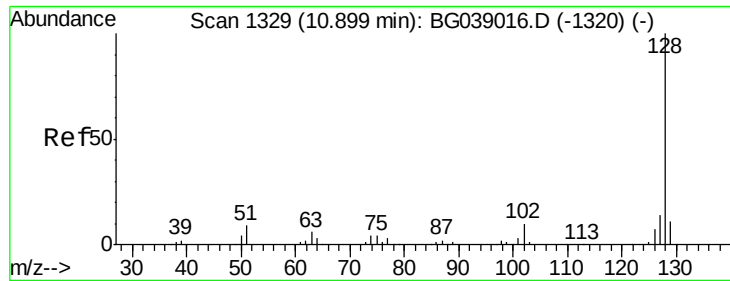
Tgt Ion:162 Resp: 80083
 Ion Ratio Lower Upper
 162 100
 164 63.0 41.3 81.3
 98 32.0 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.787 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion:180 Resp: 74830
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.1 117.1
 145 26.8 23.1 34.7

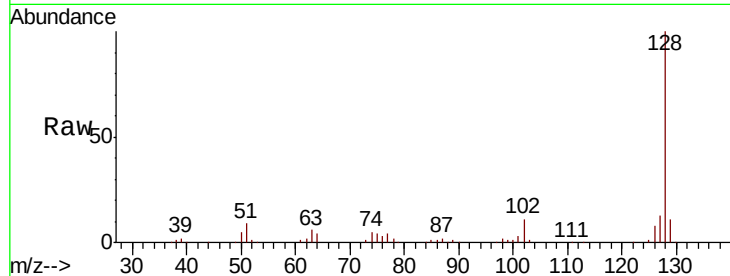




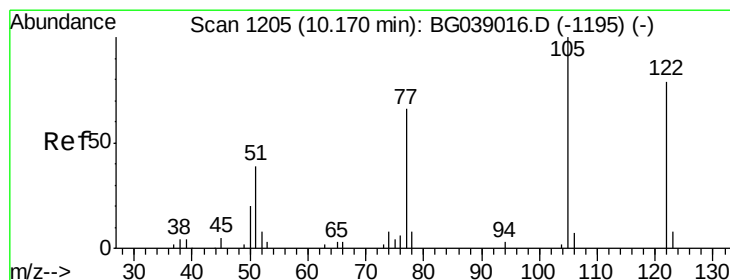
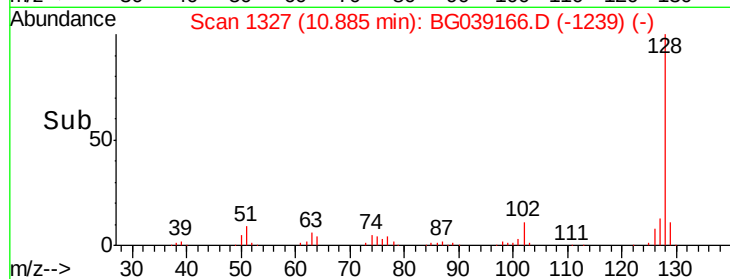
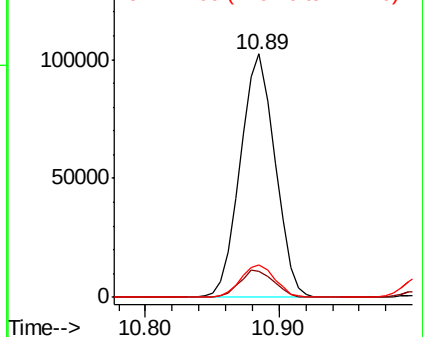
#31
Naphthalene
Concen: 41.031 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:128 Resp: 184461
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.1 11.2 16.8

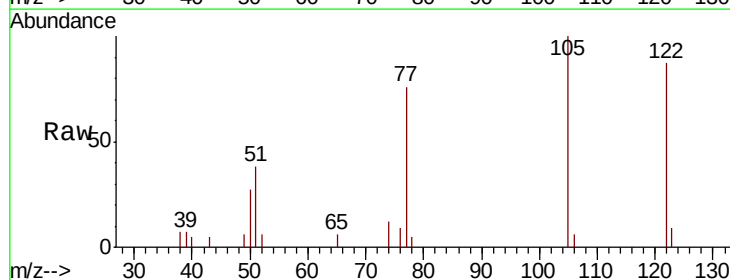


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

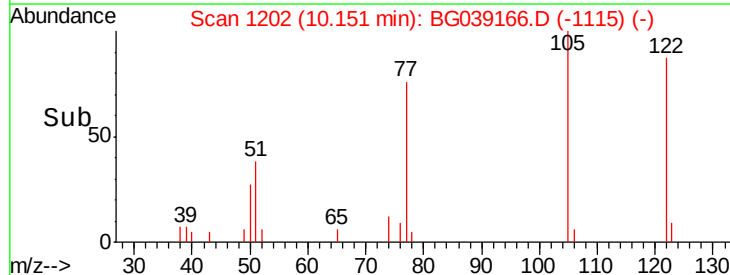
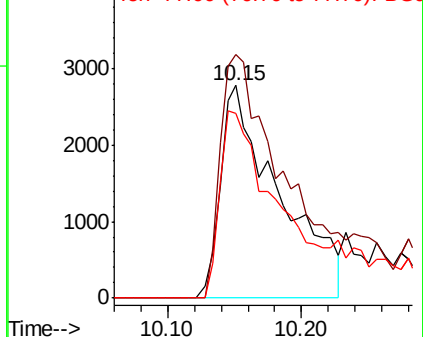


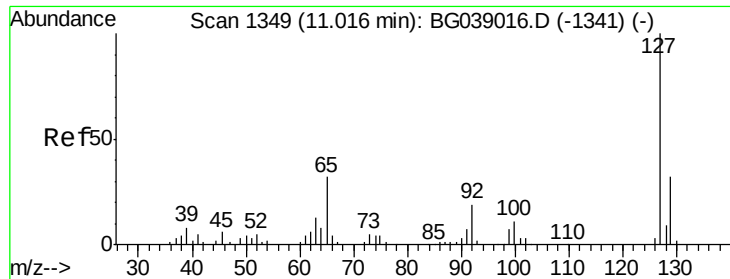
#32
Benzoic acid
Concen: 18.237 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:122 Resp: 8480
Ion Ratio Lower Upper
122 100
105 114.6 106.4 146.4
77 86.8 63.6 103.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

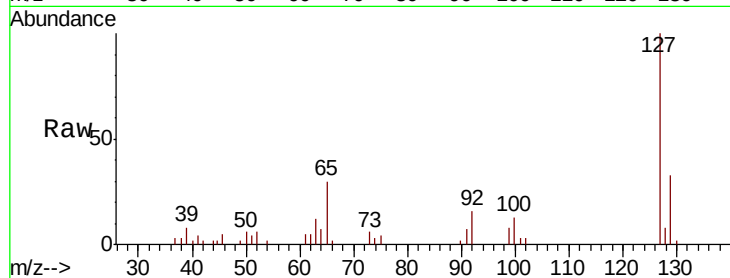




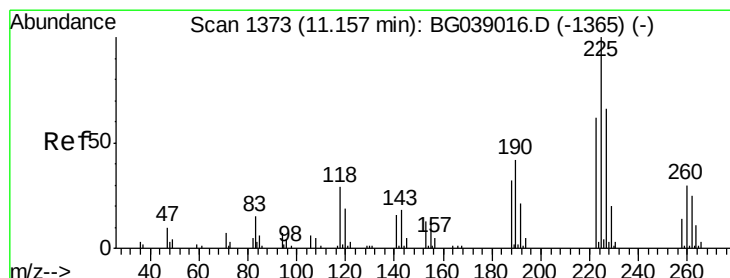
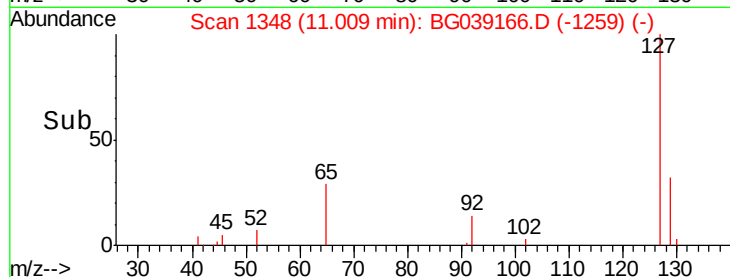
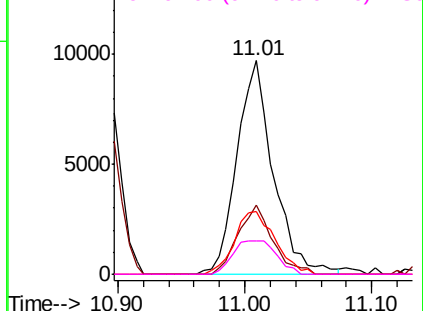
#33
4-Chloroaniline
Concen: 9.579 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:	127	Resp:	19269
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.0
65	29.6	25.4	38.0
92	15.7	15.2	22.8

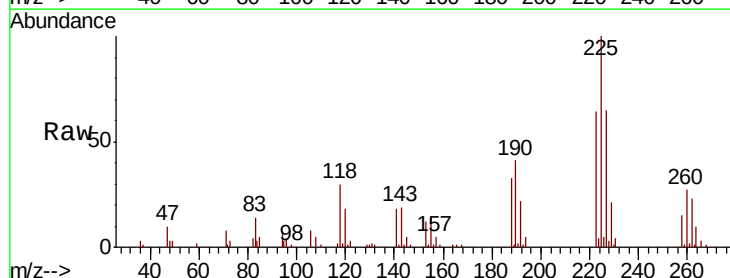


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

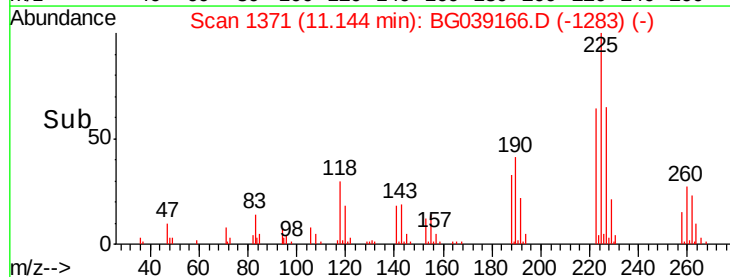
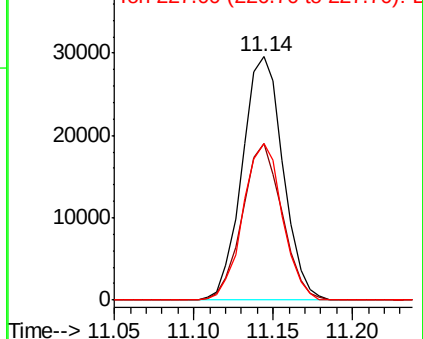


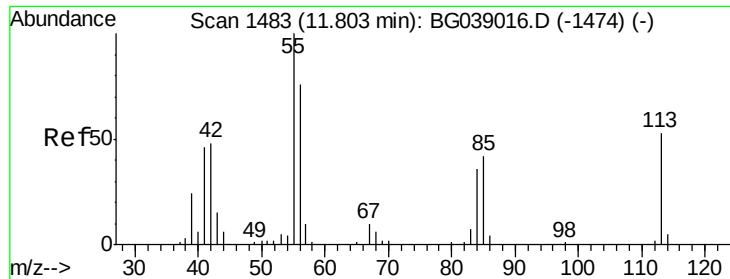
#34
Hexachlorobutadiene
Concen: 40.928 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:	225	Resp:	52966
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.2	75.4
227	61.5	53.2	79.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.810 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

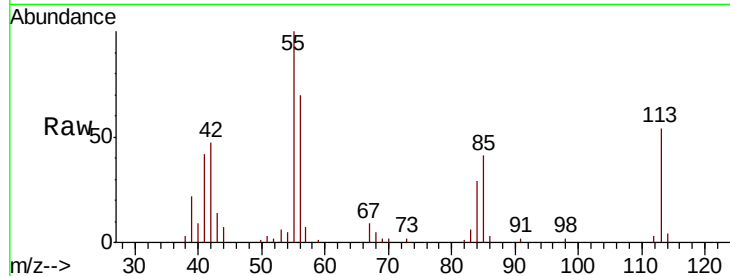
Tgt Ion:113 Resp: 13062

Ion Ratio Lower Upper

113 100

55 186.9 168.6 208.6

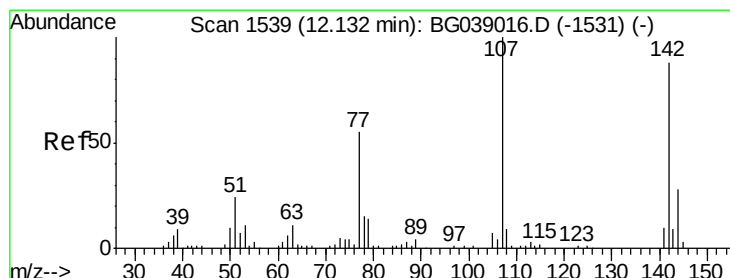
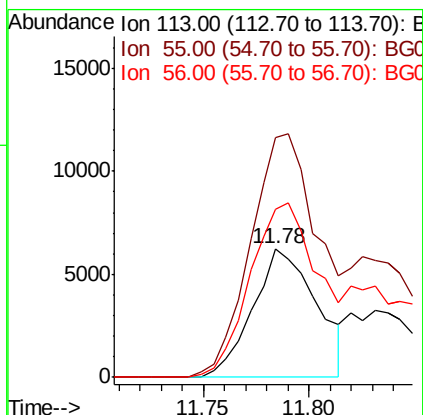
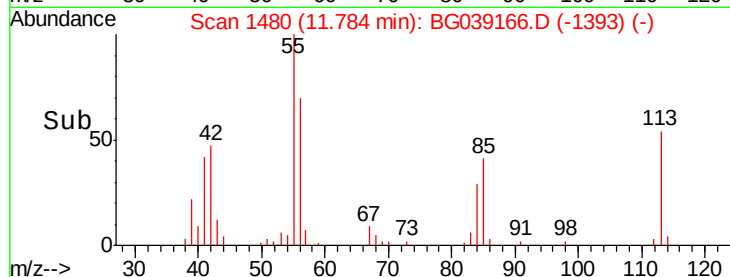
56 130.6 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.562 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

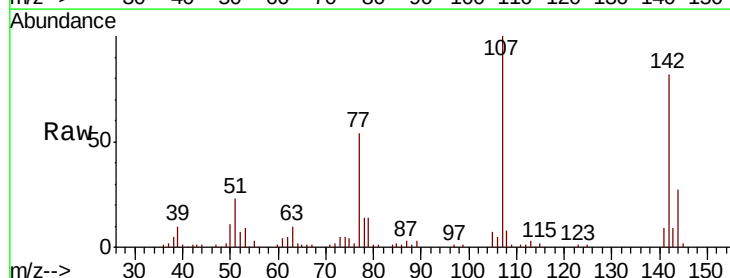
Tgt Ion:107 Resp: 71256

Ion Ratio Lower Upper

107 100

144 26.7 22.6 34.0

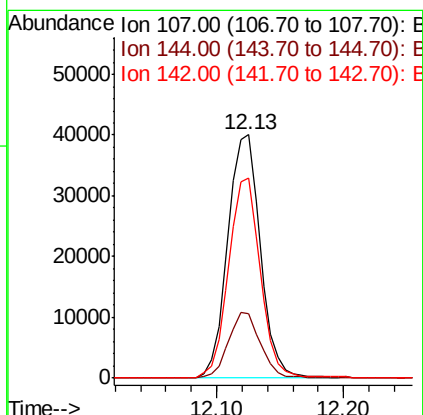
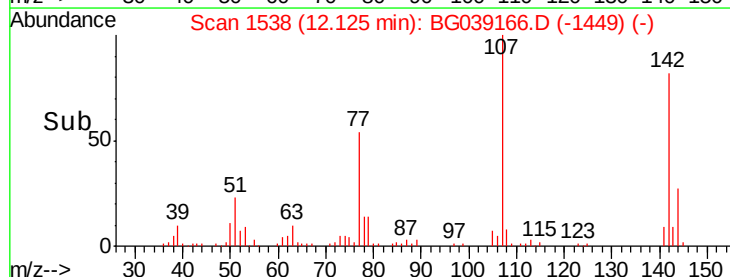
142 82.3 70.2 105.4

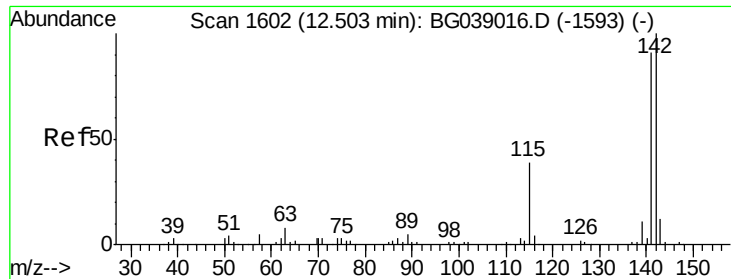


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

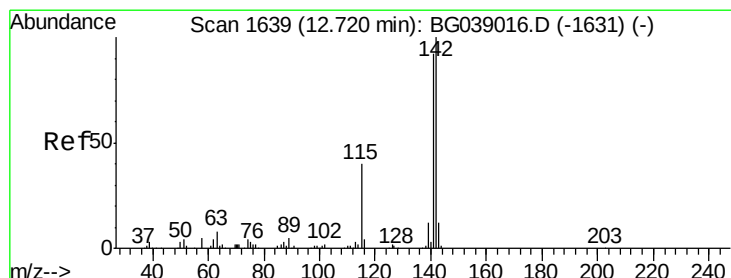
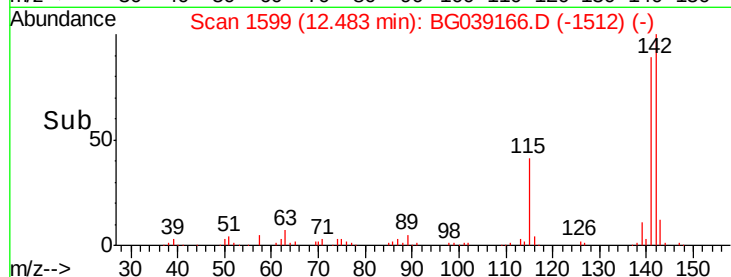
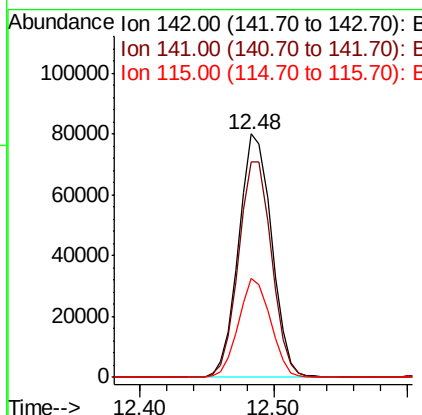
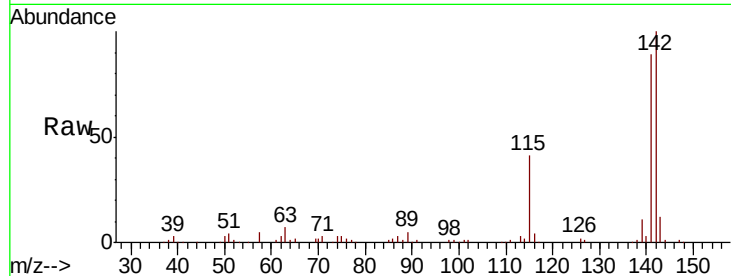




#37
2-Methylnaphthalene
Concen: 40.641 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

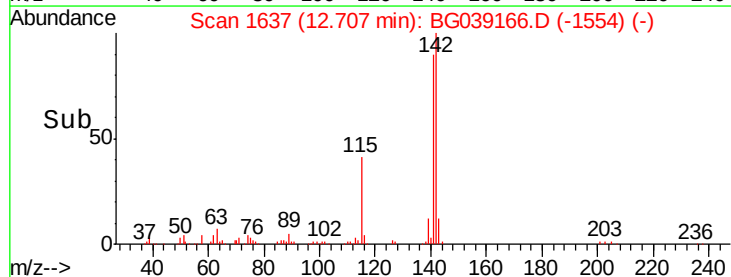
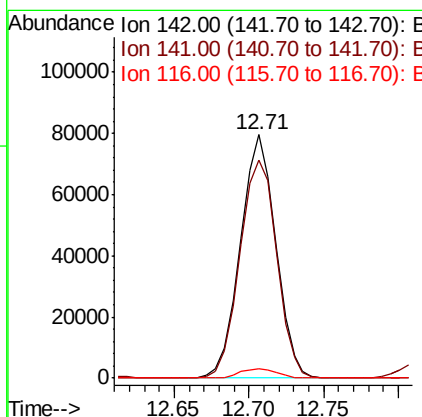
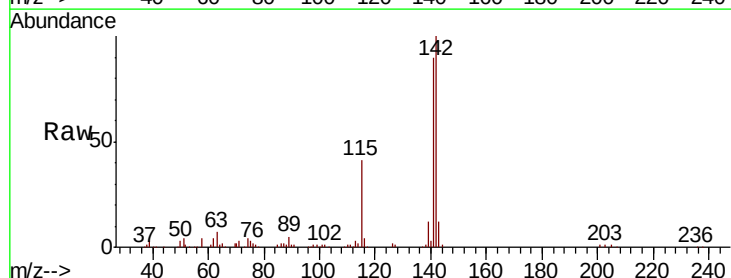
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

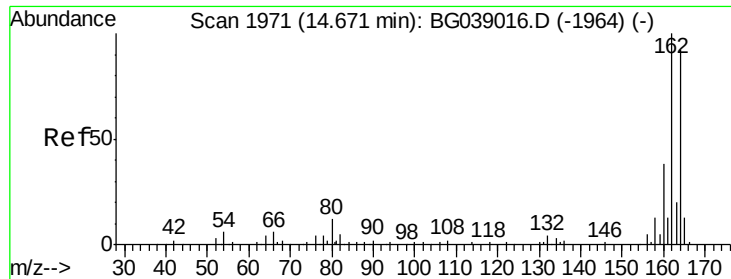
Tgt Ion:142 Resp: 136983
Ion Ratio Lower Upper
142 100
141 88.6 72.6 109.0
115 40.9 31.1 46.7



#38
1-Methylnaphthalene
Concen: 40.253 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:142 Resp: 130225
Ion Ratio Lower Upper
142 100
141 89.7 73.3 109.9
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

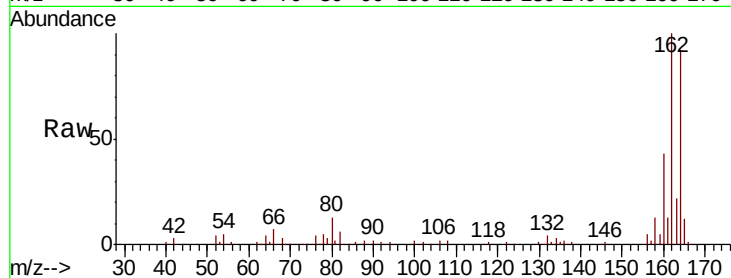
Tgt Ion:164 Resp: 63354

Ion Ratio Lower Upper

164 100

162 108.1 87.2 130.8

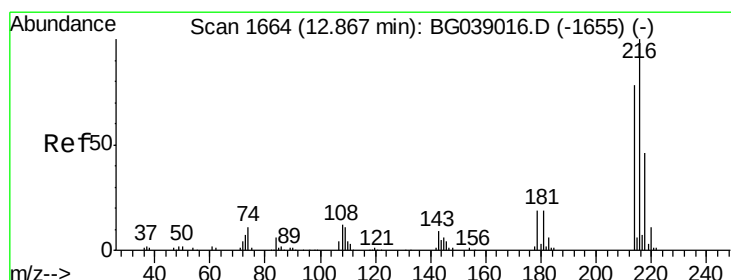
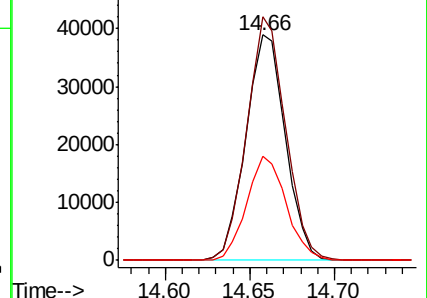
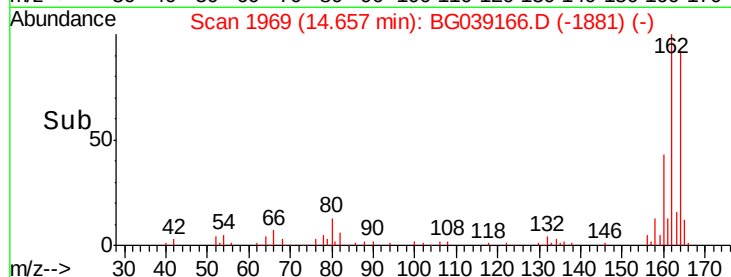
160 46.2 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.083 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:216 Resp: 88231

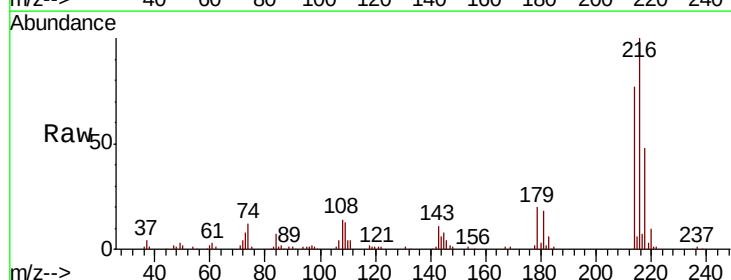
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 19.8 15.5 23.3

108 15.5 11.4 17.2

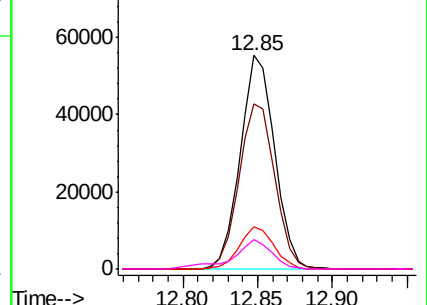
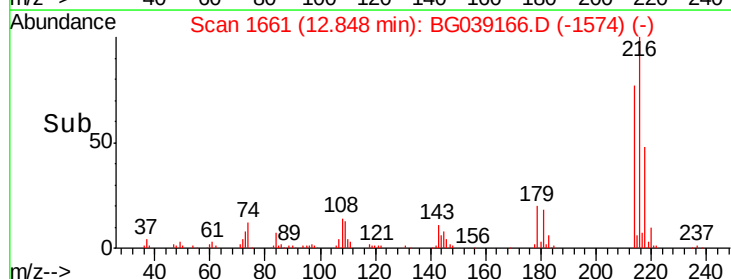


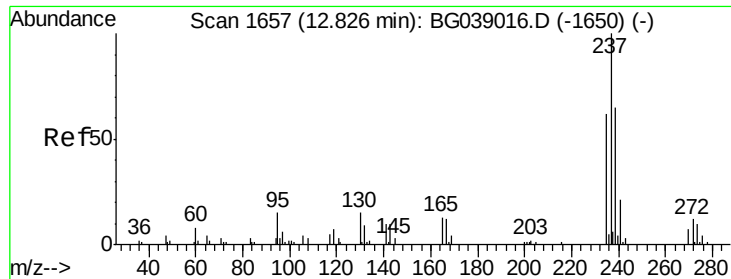
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.914 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

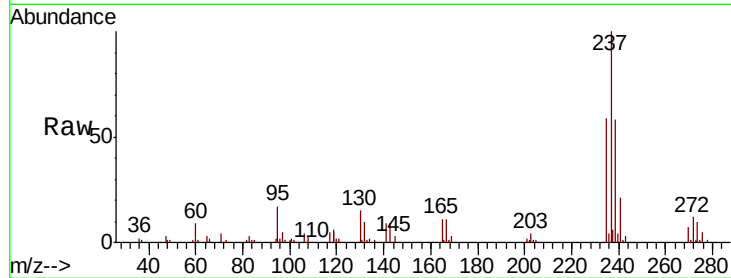
Tgt Ion: 237 Resp: 83983

Ion Ratio Lower Upper

237 100

235 59.2 41.7 81.7

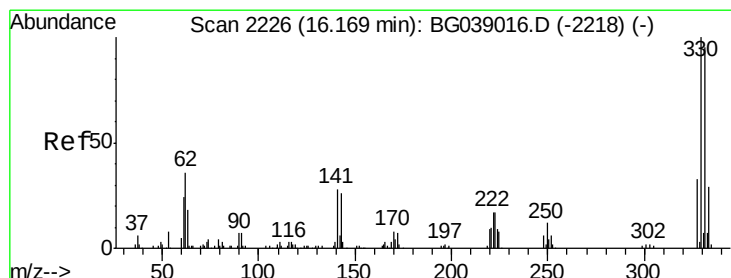
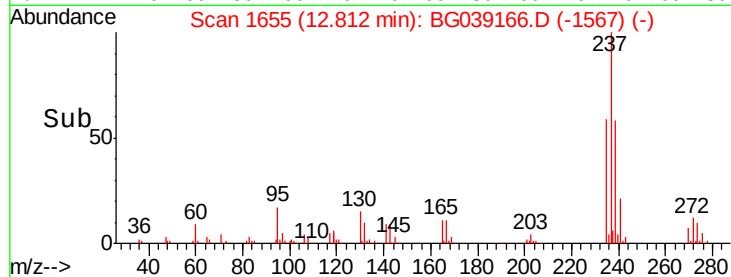
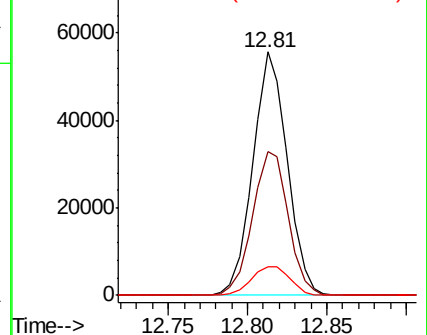
272 11.9 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.794 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

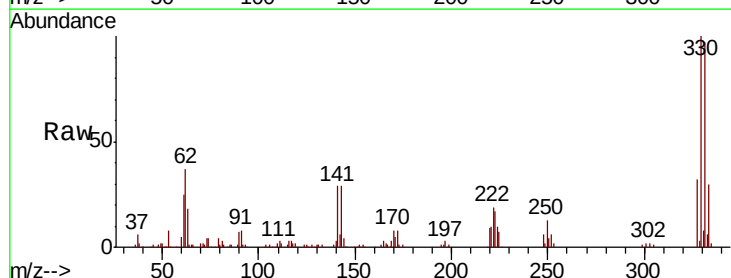
Tgt Ion: 330 Resp: 136778

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

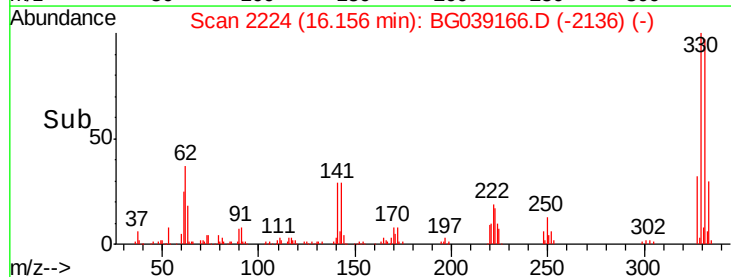
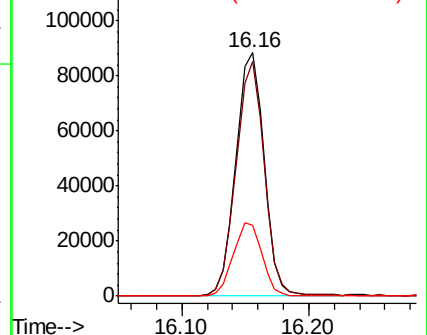
141 30.5 24.9 37.3

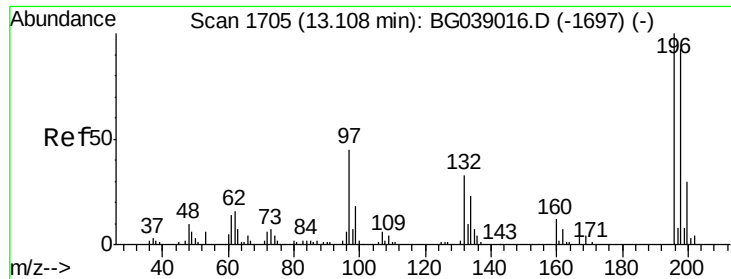


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

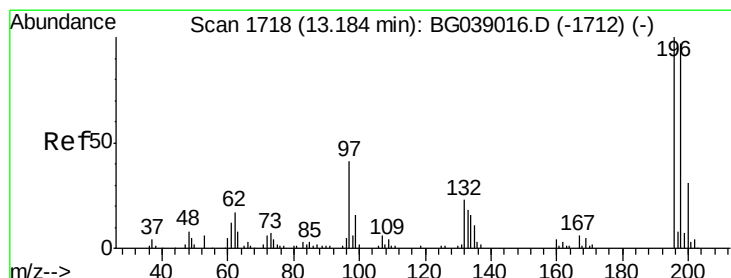
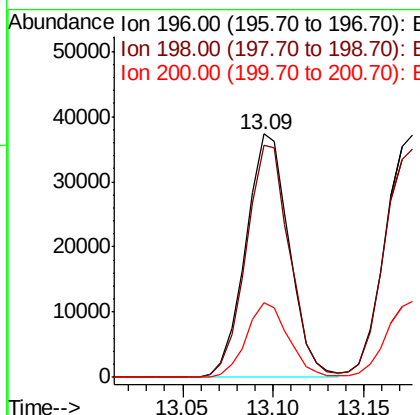
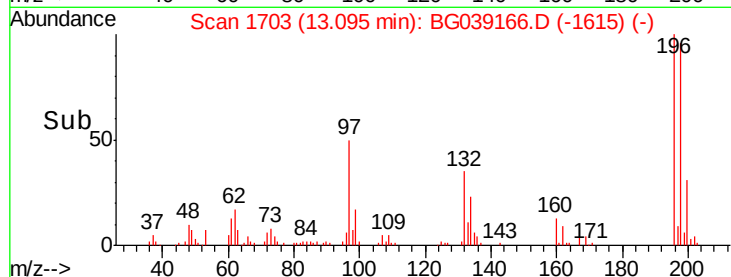
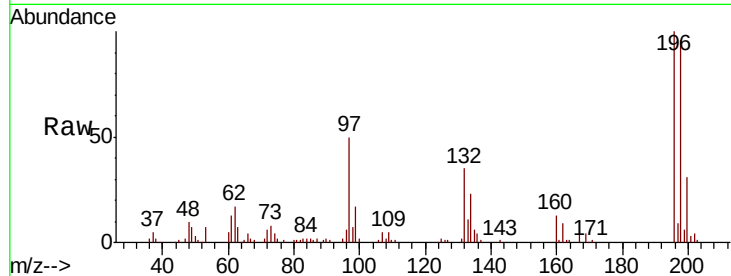




#43
 2,4,6-Trichlorophenol
 Concen: 41.522 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

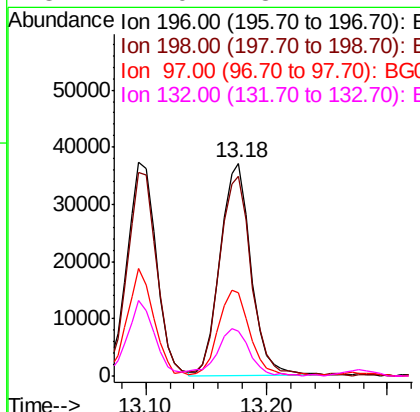
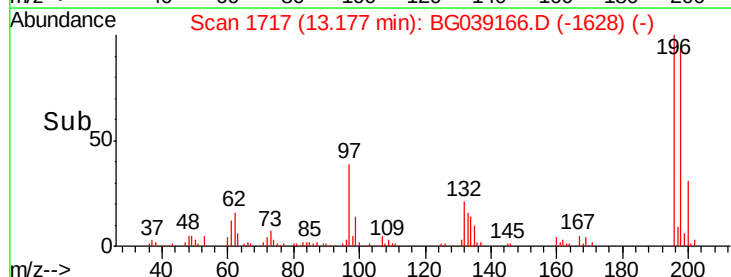
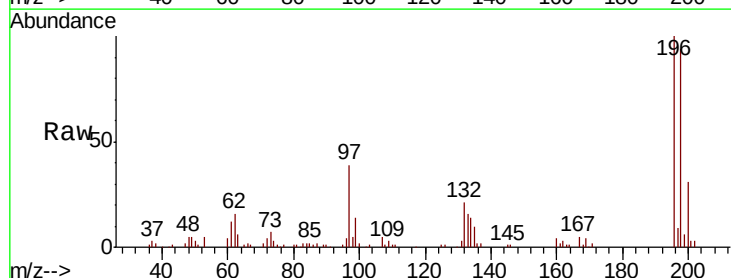
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

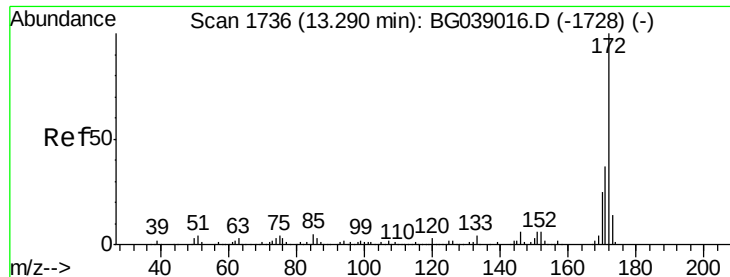
Tgt Ion:196 Resp: 62179
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.5 111.7
 200 30.8 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.358 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion:196 Resp: 65458
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.1 117.1
 97 39.0 33.2 49.8
 132 21.0 18.2 27.4

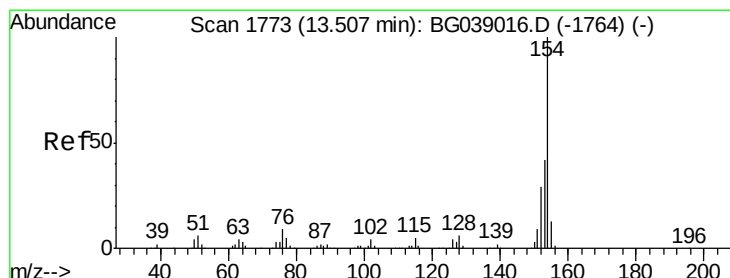
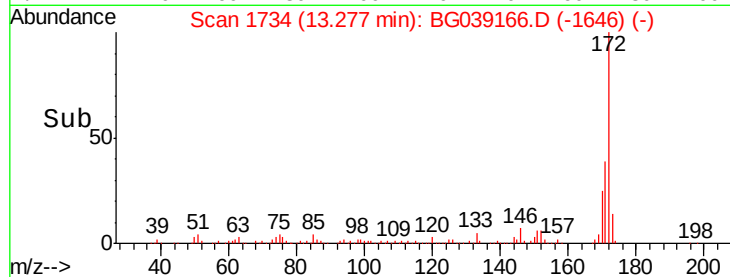
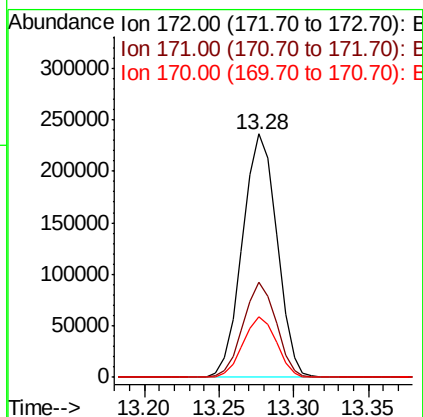
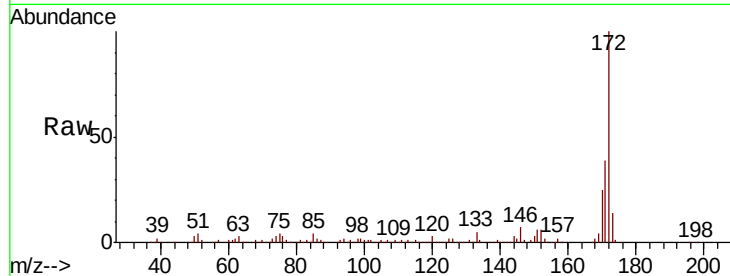




#45
2-Fluorobiphenyl
Concen: 81.825 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

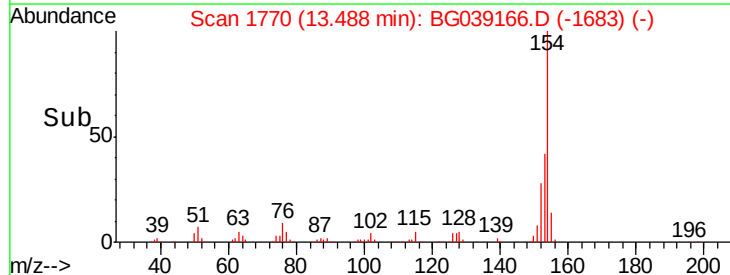
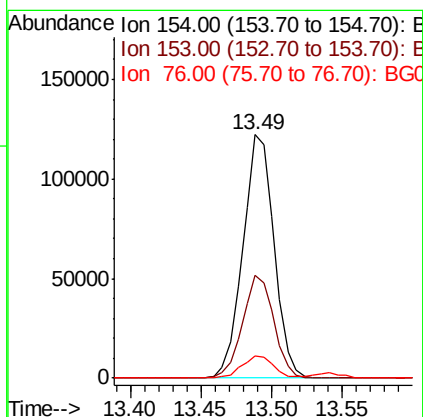
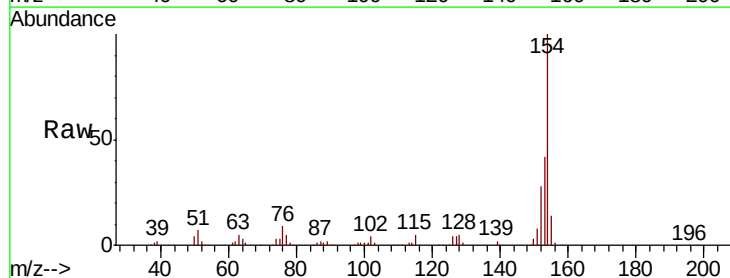
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

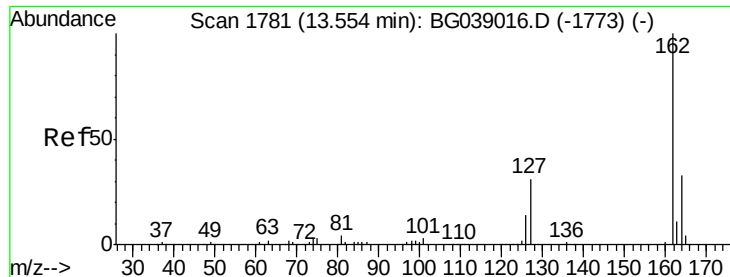
Tgt Ion:172 Resp: 378787
Ion Ratio Lower Upper
172 100
171 38.9 29.4 44.0
170 24.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 37.586 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:154 Resp: 188681
Ion Ratio Lower Upper
154 100
153 42.0 22.4 62.4
76 9.2 0.0 29.4

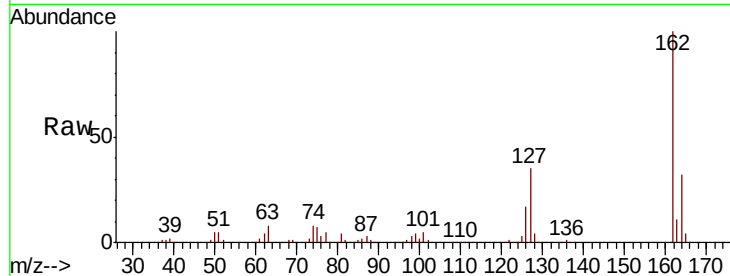




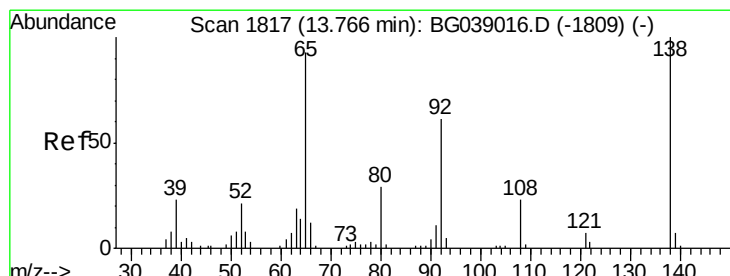
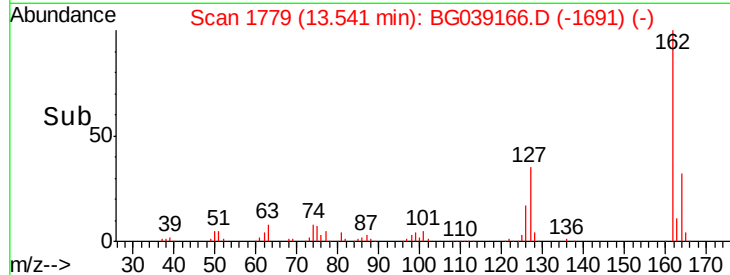
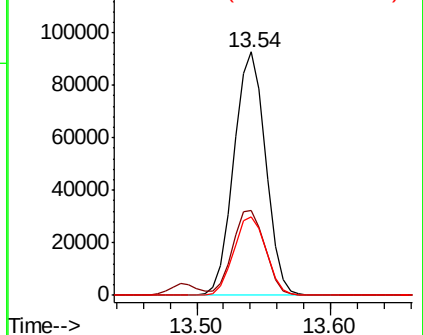
#47
 2-Chloronaphthalene
 Concen: 37.588 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion: 162 Resp: 152696
 Ion Ratio Lower Upper
 162 100
 127 35.1 28.4 42.6
 164 32.4 26.3 39.5

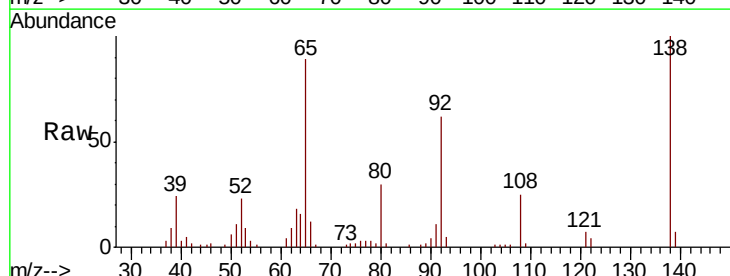


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

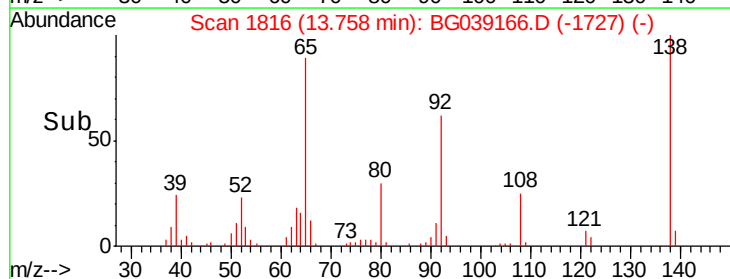
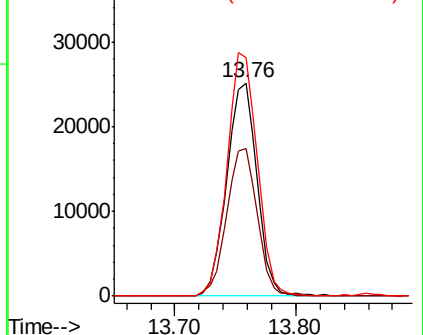


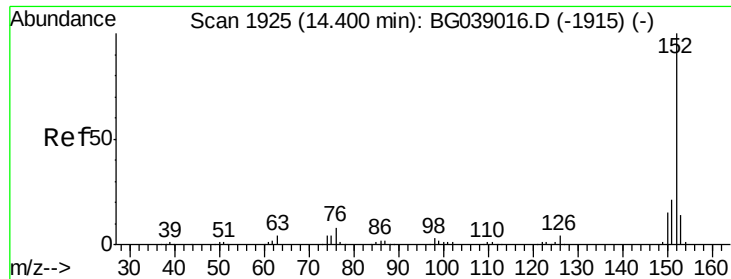
#48
 2-Nitroaniline
 Concen: 38.565 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion: 65 Resp: 43890
 Ion Ratio Lower Upper
 65 100
 92 69.2 52.2 78.4
 138 112.0 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.714 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

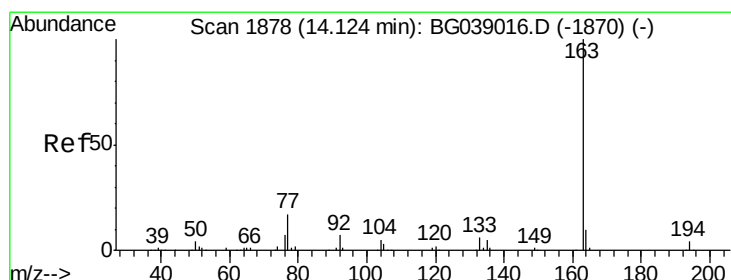
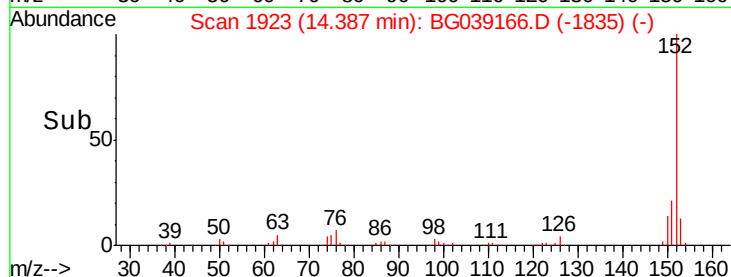
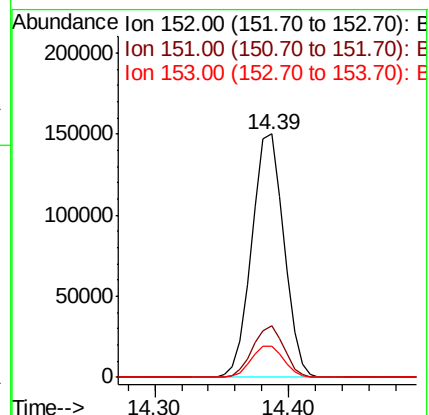
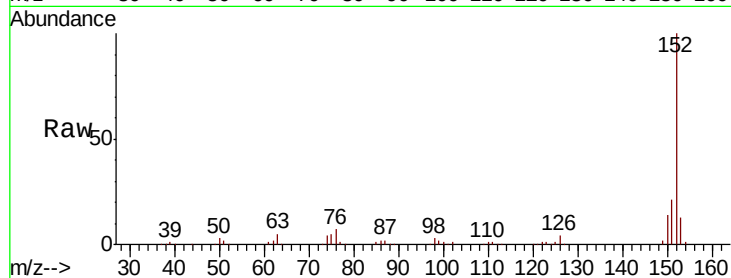
Tgt Ion:152 Resp: 248599

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.4

153 12.7 11.2 16.8



#50

Dimethylphthalate

Concen: 58.083 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

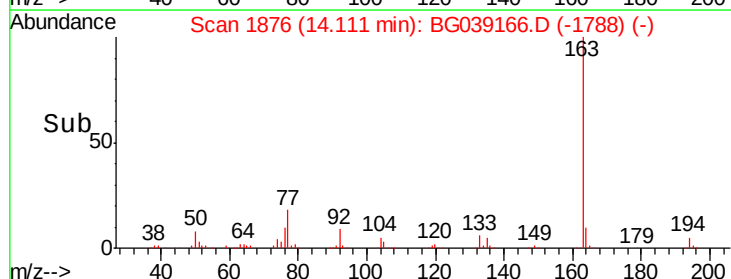
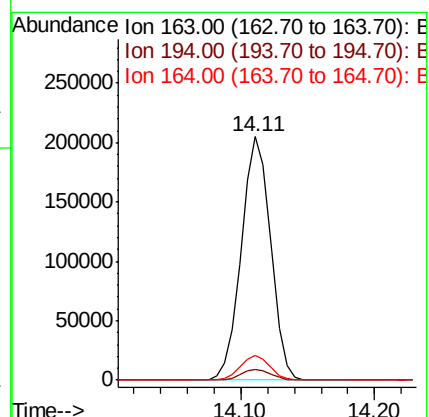
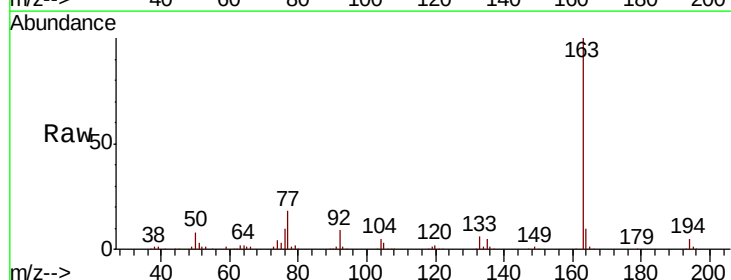
Tgt Ion:163 Resp: 310958

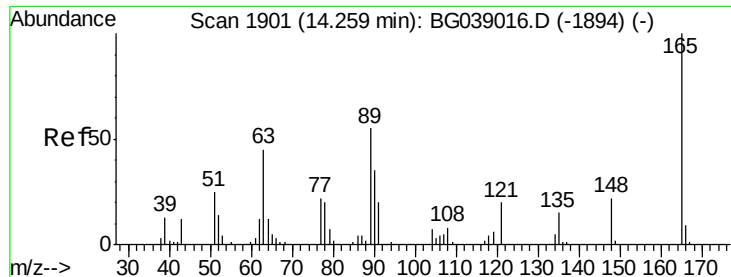
Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 10.0 8.2 12.2

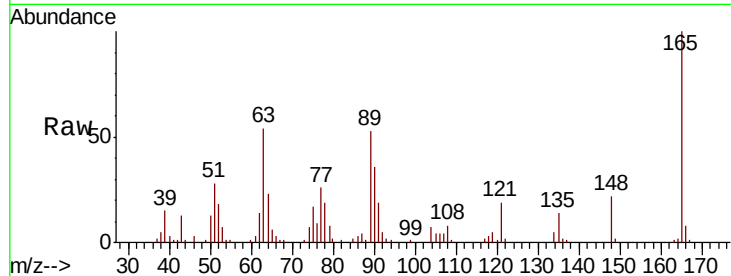




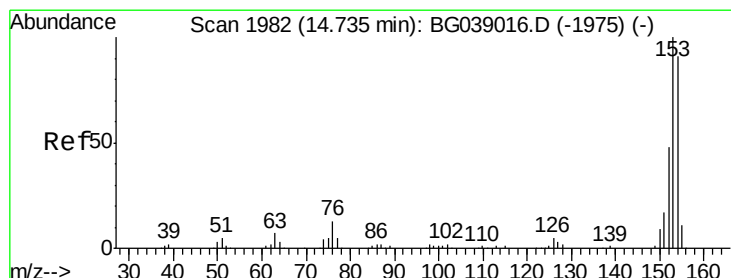
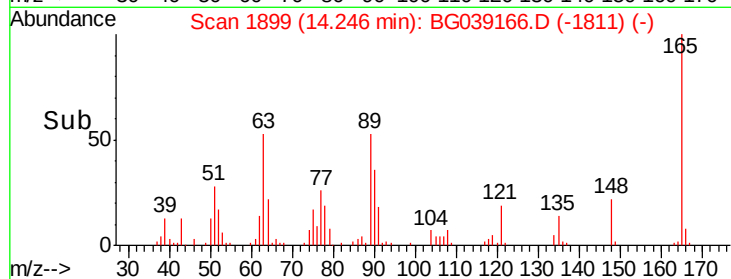
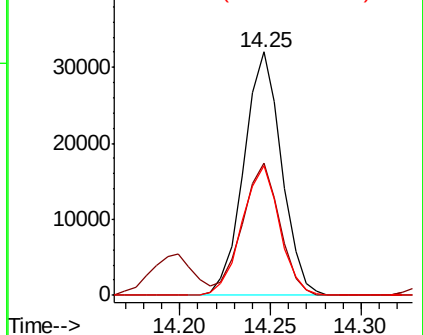
#51
 2,6-Dinitrotoluene
 Concen: 38.610 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:165 Resp: 46214
 Ion Ratio Lower Upper
 165 100
 63 54.2 43.6 65.4
 89 53.1 43.7 65.5

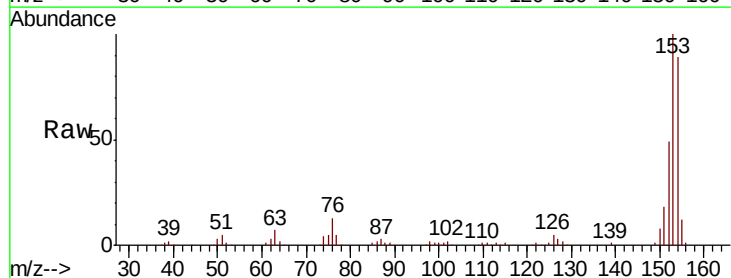


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

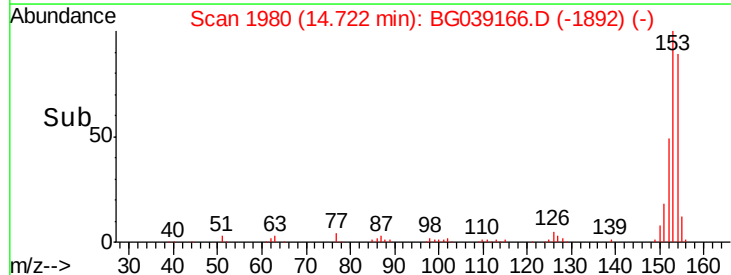
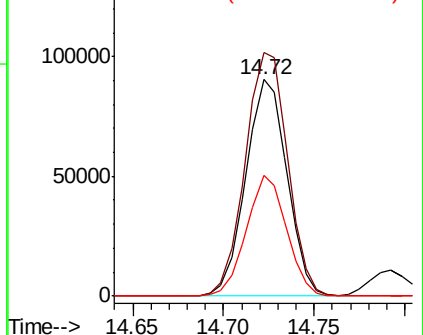


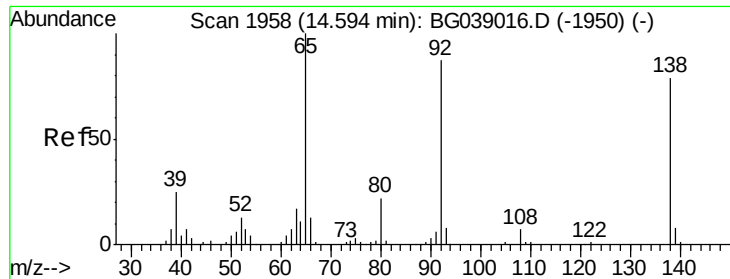
#52
 Acenaphthene
 Concen: 38.957 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion:154 Resp: 142919
 Ion Ratio Lower Upper
 154 100
 153 112.6 87.9 131.9
 152 55.7 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 16.245 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

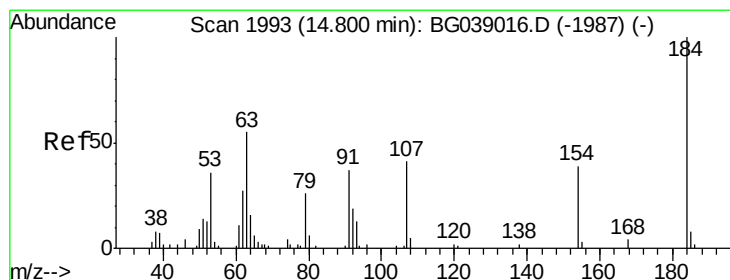
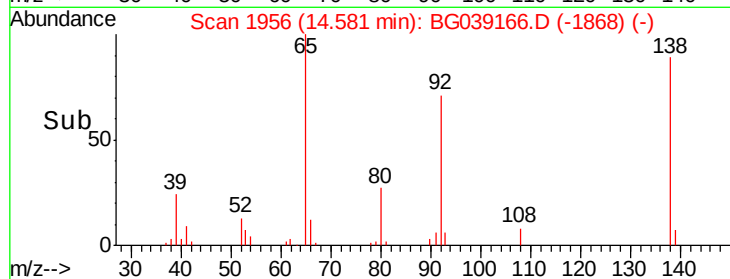
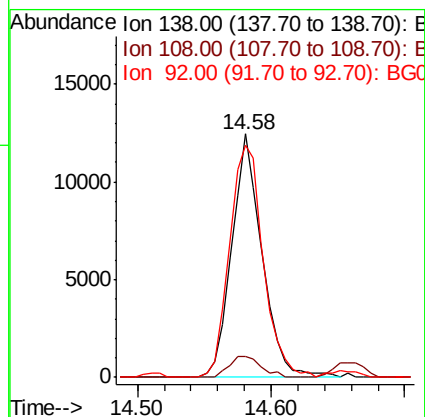
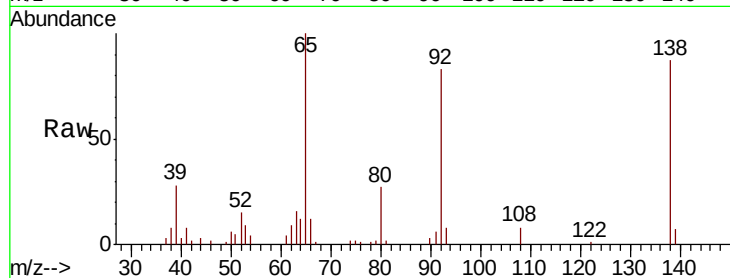
Tgt Ion:138 Resp: 19725

Ion Ratio Lower Upper

138 100

108 8.8 7.4 11.0

92 95.1 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 45.497 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

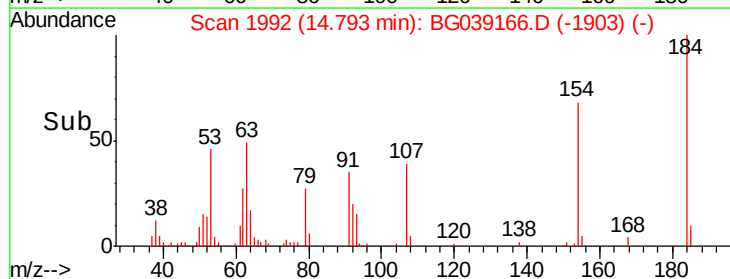
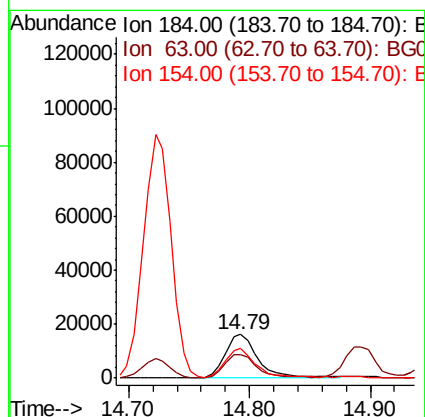
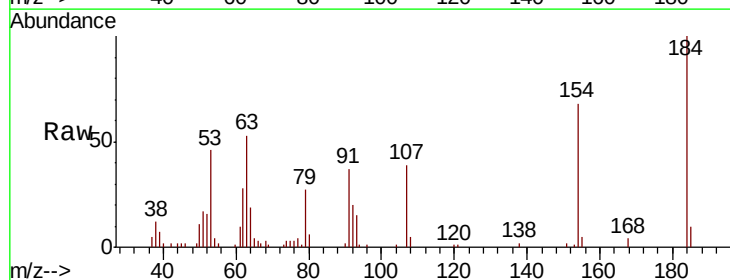
Tgt Ion:184 Resp: 30776

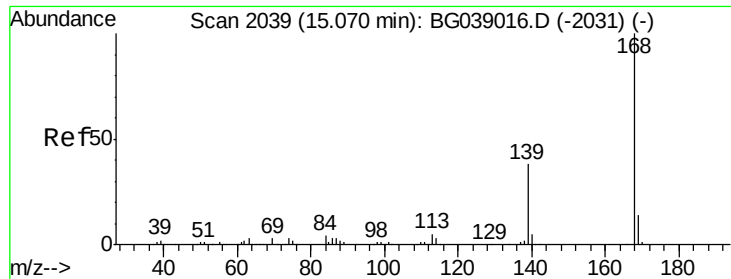
Ion Ratio Lower Upper

184 100

63 53.0 44.0 66.0

154 68.3 46.1 69.1

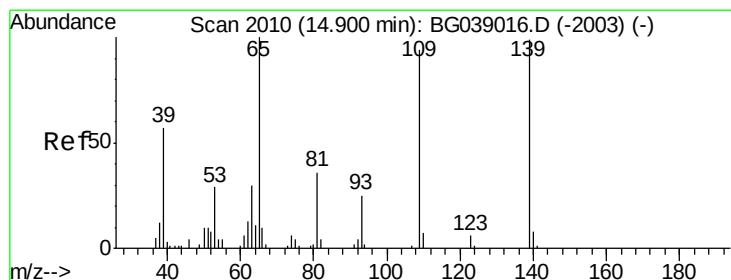
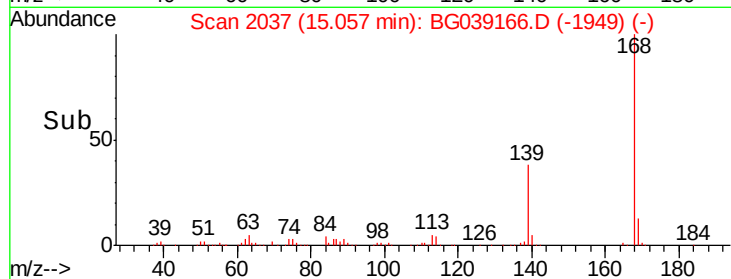
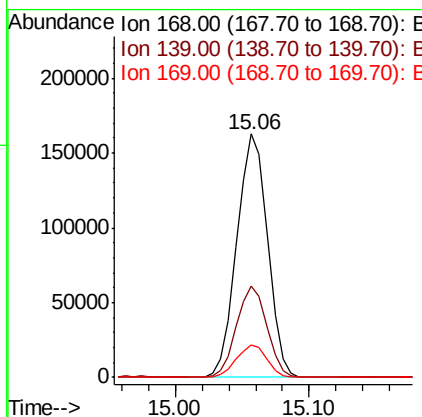
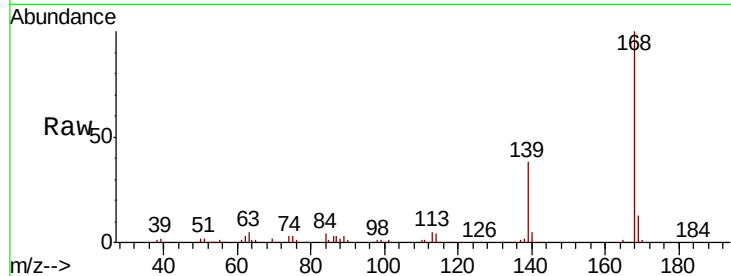




#55
Dibenzenofuran
Concen: 39.939 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

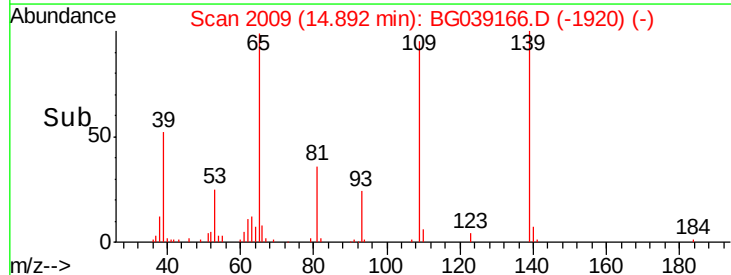
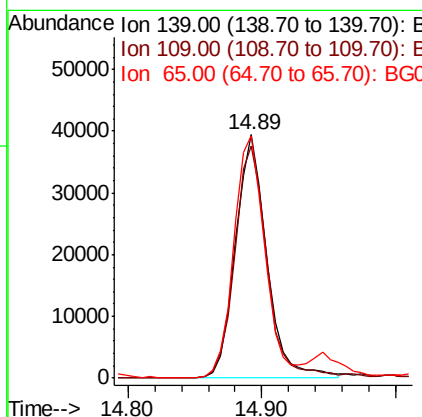
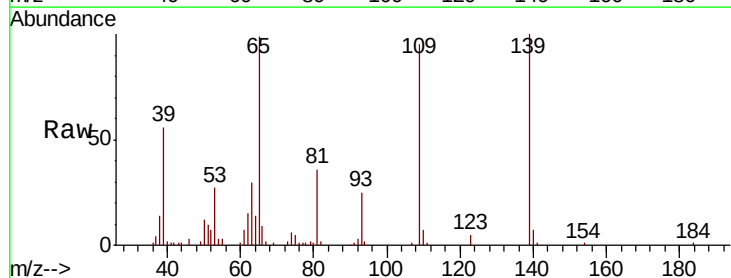
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

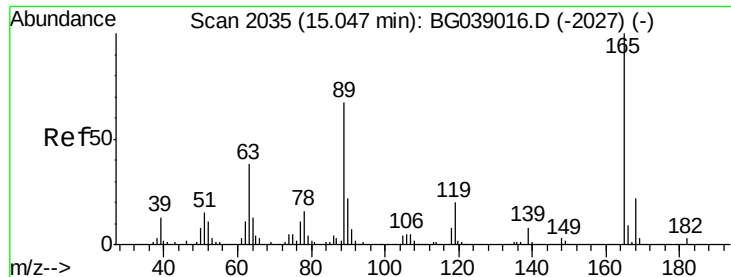
Tgt Ion:168 Resp: 258775
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 73.785 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:139 Resp: 64464
Ion Ratio Lower Upper
139 100
109 95.3 75.6 115.6
65 99.3 81.2 121.2





#57

2,4-Dinitrotoluene

Concen: 38.766 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:165 Resp: 66571

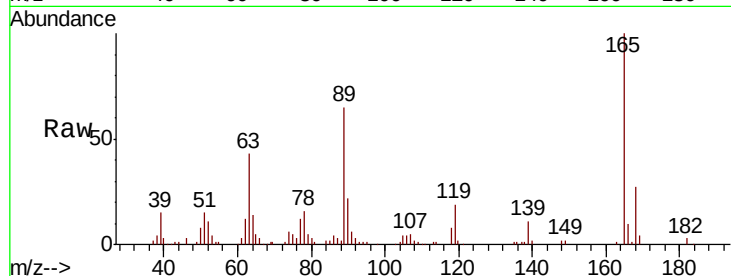
Ion Ratio Lower Upper

165 100

63 43.2 30.2 45.4

89 65.0 53.2 79.8

182 2.9 2.7 4.1

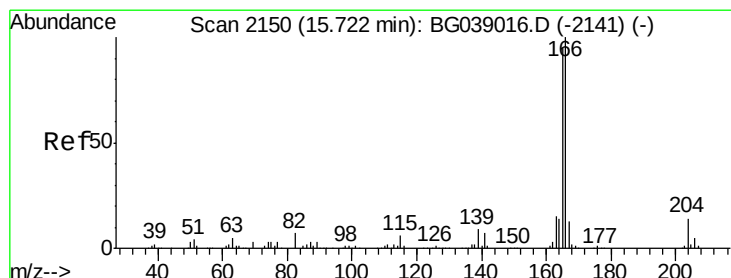
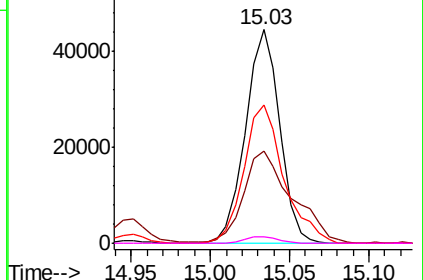
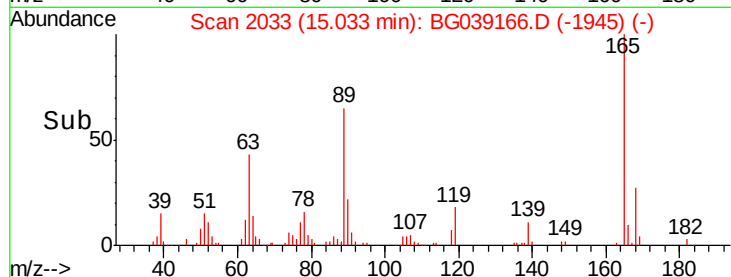


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.225 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

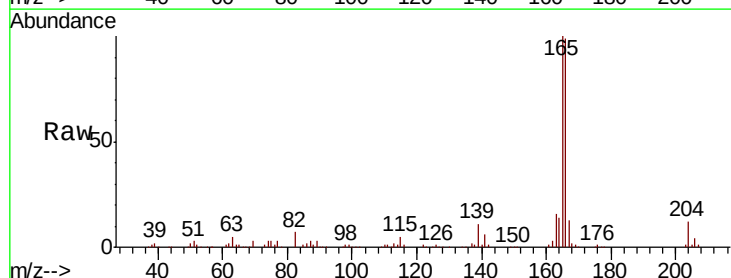
Tgt Ion:166 Resp: 201055

Ion Ratio Lower Upper

166 100

165 101.5 76.2 114.2

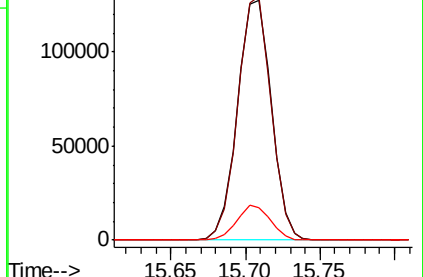
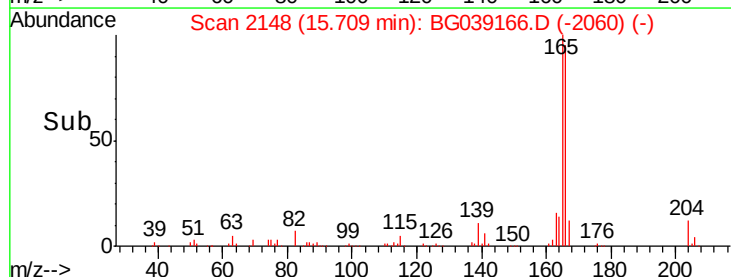
167 13.6 10.6 16.0

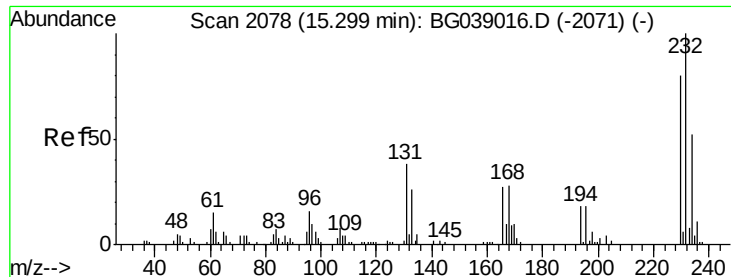


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

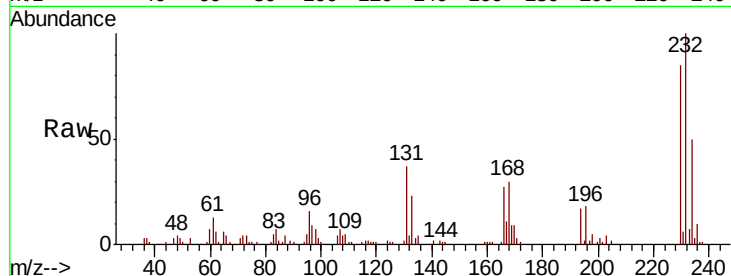




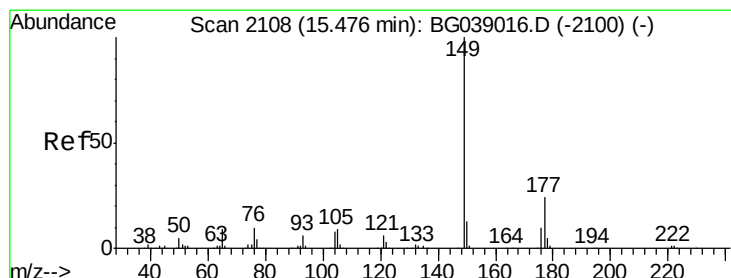
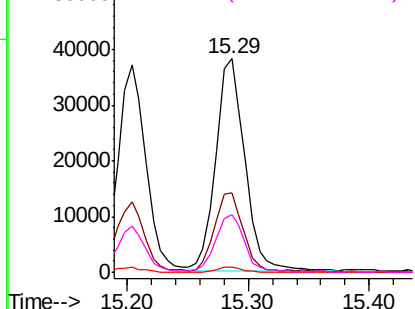
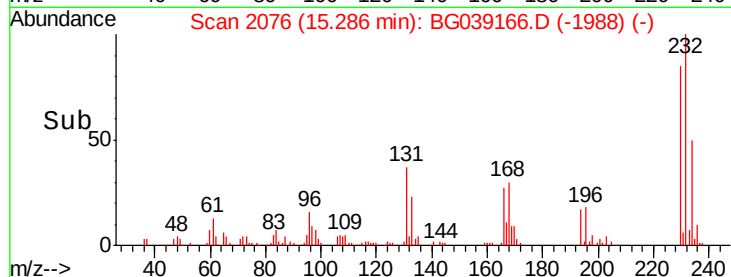
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.315 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:	232	Resp:	63220
Ion	Ratio	Lower	Upper
232	100		
131	38.4	30.9	46.3
130	2.1	1.9	2.9
166	27.1	22.1	33.1

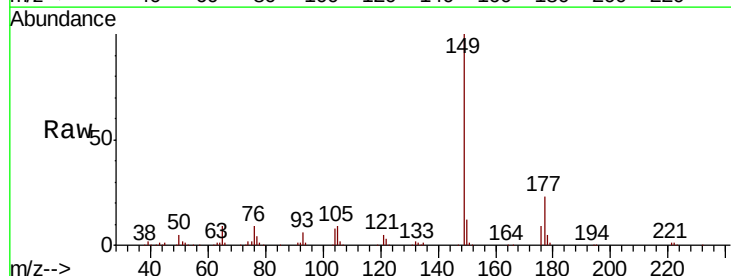


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

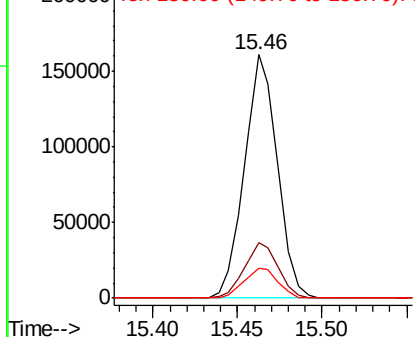
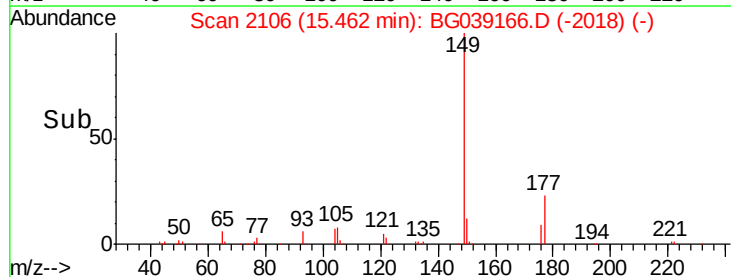


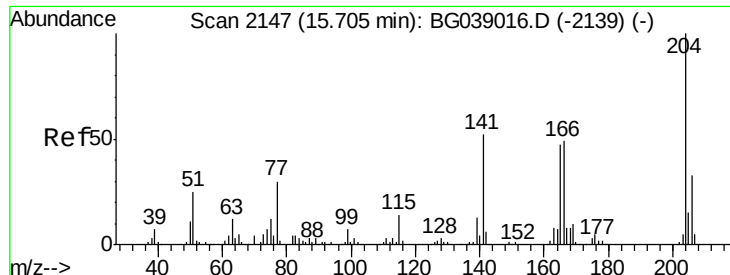
#60
Diethylphthalate
Concen: 39.434 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:	149	Resp:	217516
Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.0	28.6
150	12.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

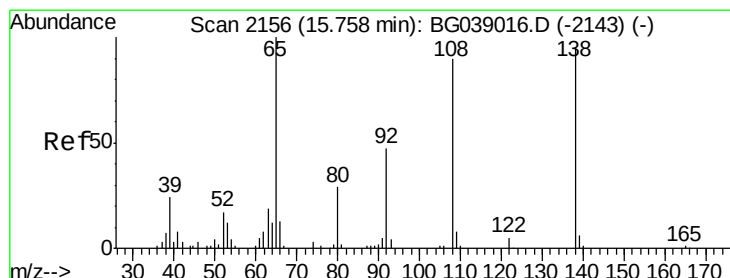
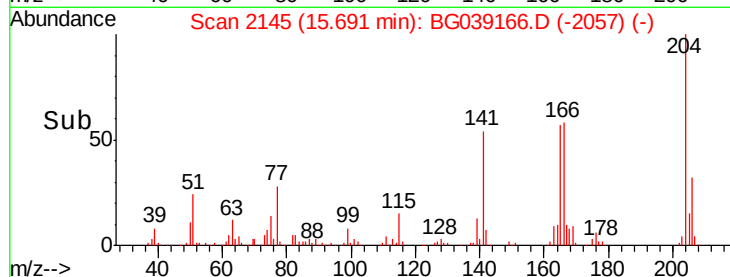
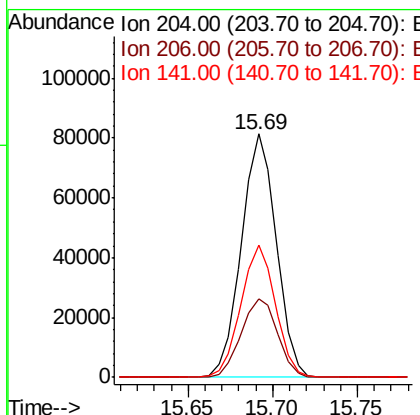
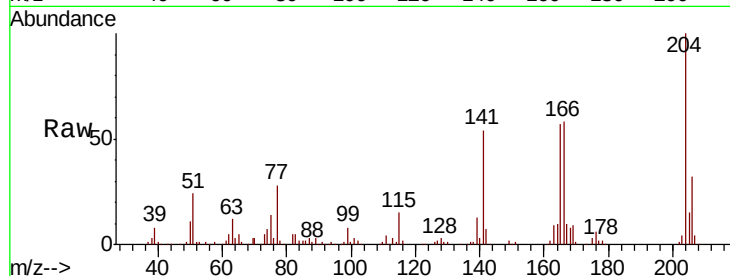




#61
 4-Chlorophenyl-phenylether
 Concen: 38.174 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

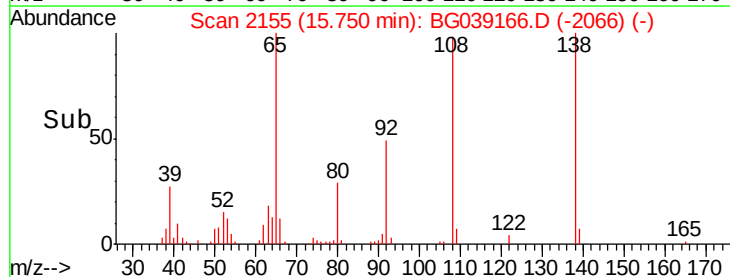
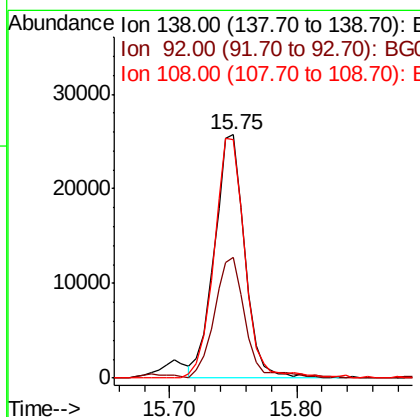
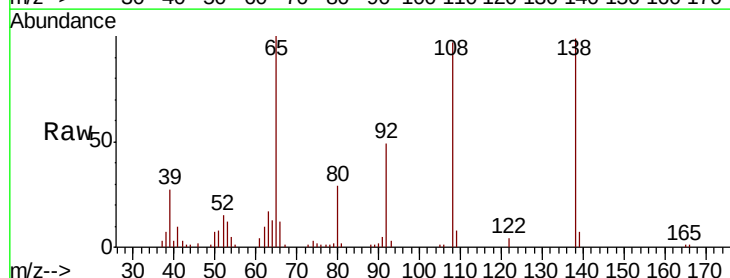
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

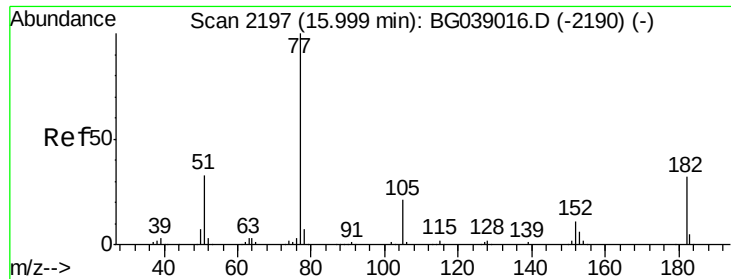
Tgt Ion: 204 Resp: 117293
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.6 39.8
 141 54.3 41.4 62.0



#62
 4-Nitroaniline
 Concen: 33.983 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion: 138 Resp: 42986
 Ion Ratio Lower Upper
 138 100
 92 49.4 29.7 69.7
 108 98.0 75.7 115.7





#63

Azobenzene

Concen: 37.633 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion: 77 Resp: 162336

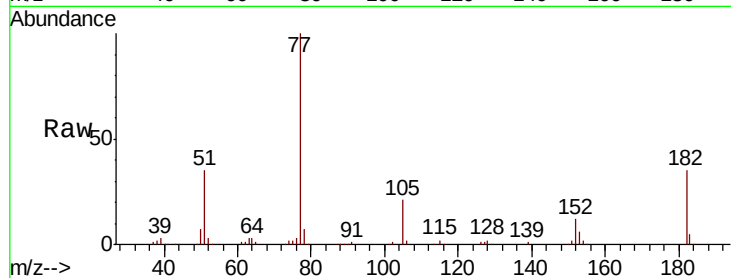
Ion Ratio Lower Upper

77 100

182 34.7 12.2 52.2

105 20.9 1.2 41.2

51 34.9 13.4 53.4

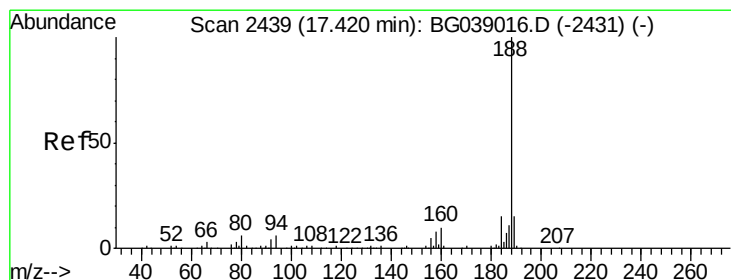
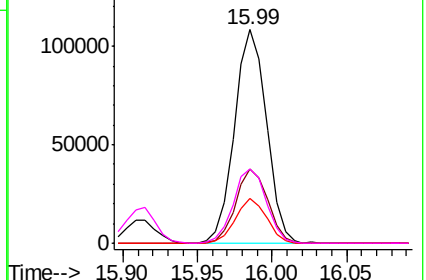
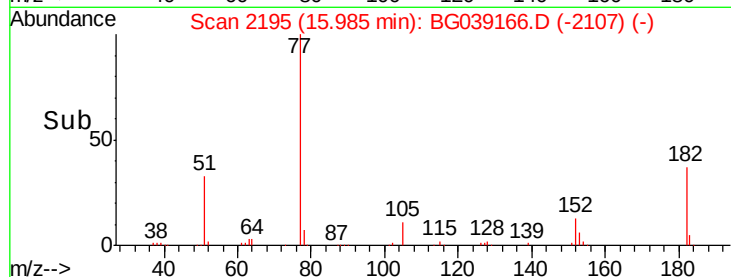


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

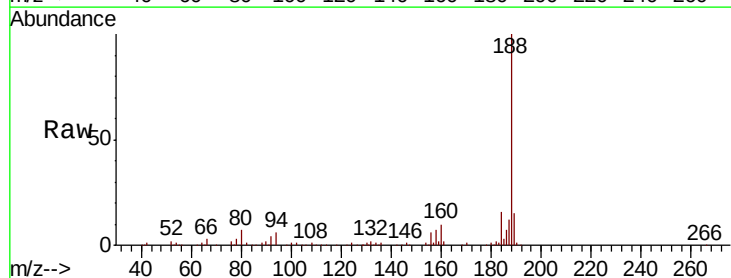
Tgt Ion: 188 Resp: 154797

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

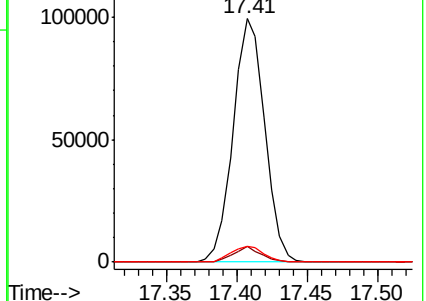
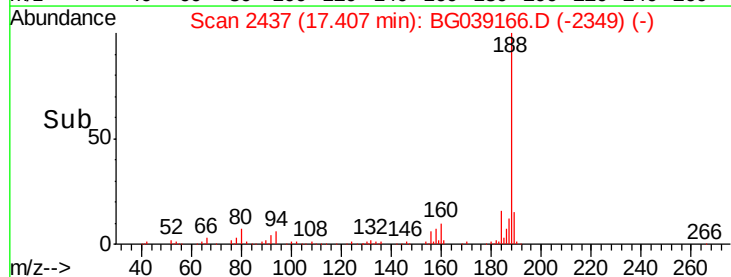
80 6.7 4.7 7.1

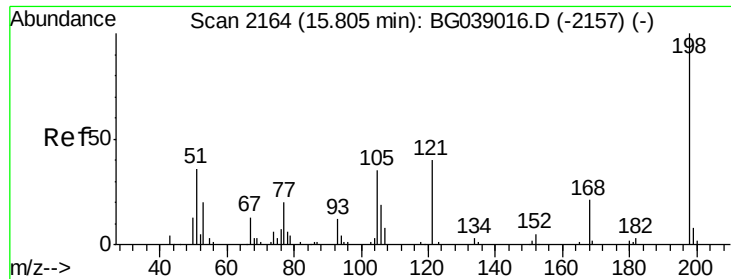


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 29.559 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

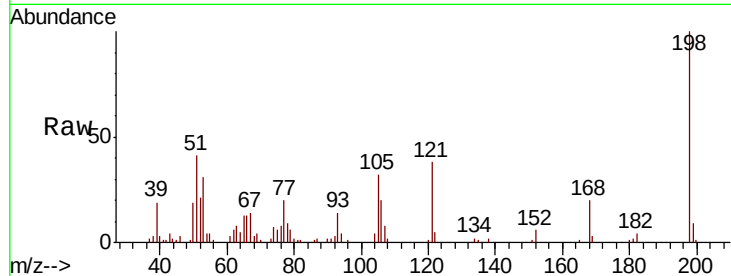
Tgt Ion:198 Resp: 33899

Ion Ratio Lower Upper

198 100

51 40.9 20.8 60.8

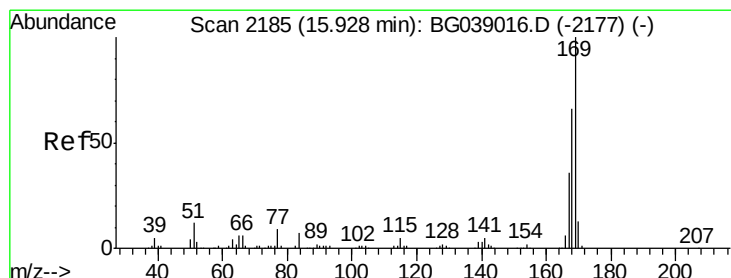
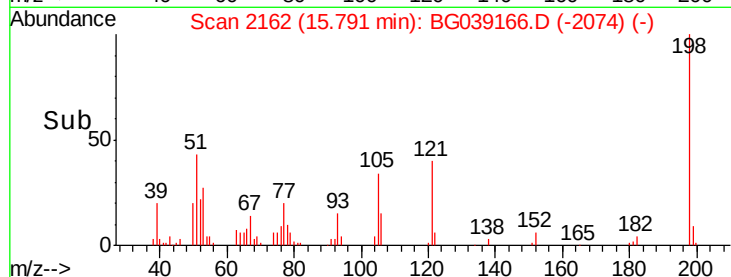
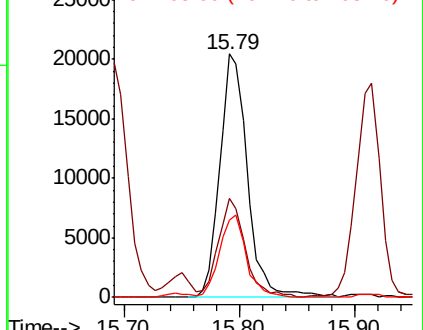
105 32.0 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039166.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.125 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

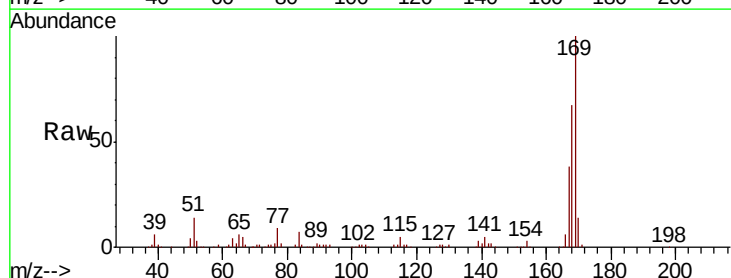
Tgt Ion:169 Resp: 184131

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

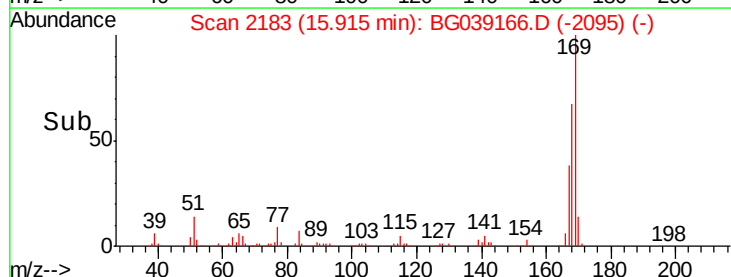
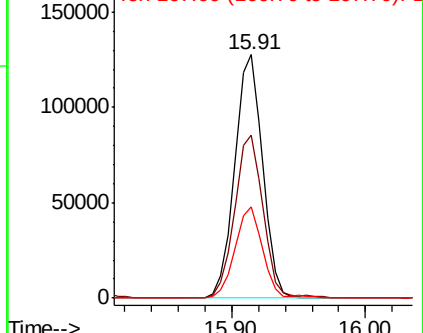
167 37.7 29.1 43.7

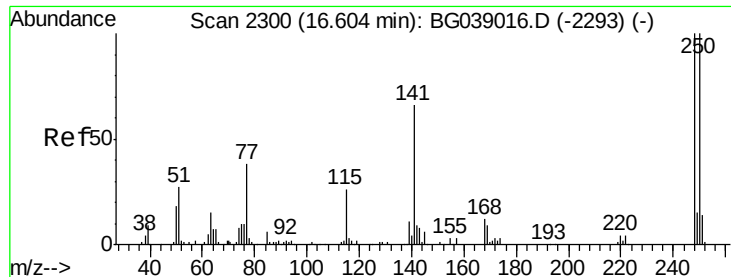


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

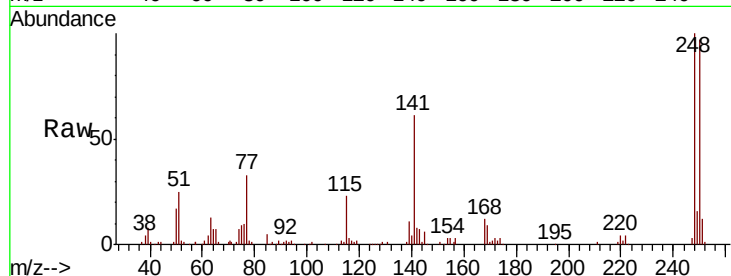




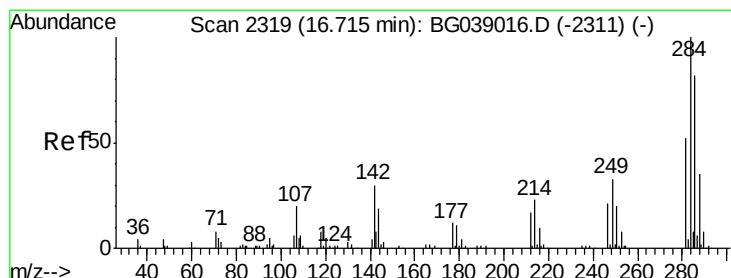
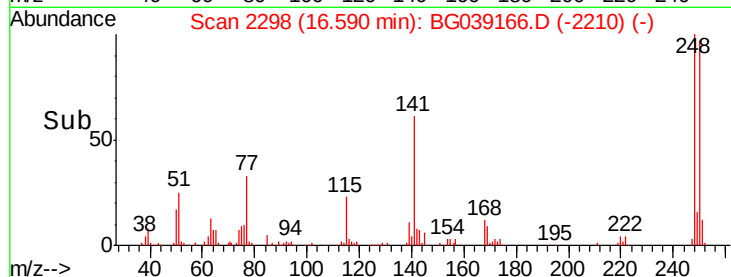
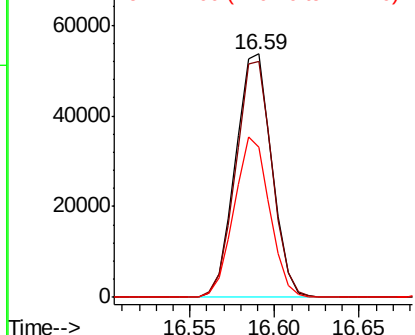
#67
 4-Bromophenyl-phenylether
 Concen: 40.229 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:248 Resp: 80050
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.9 119.9
 141 61.5 52.7 79.1

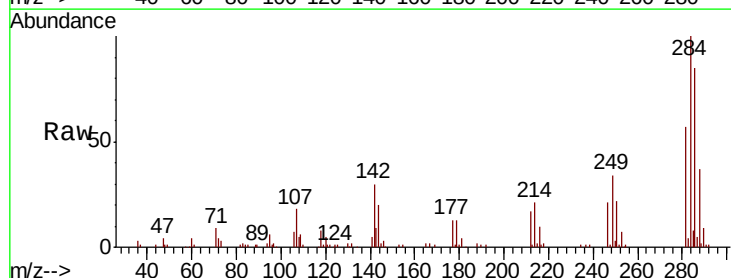


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

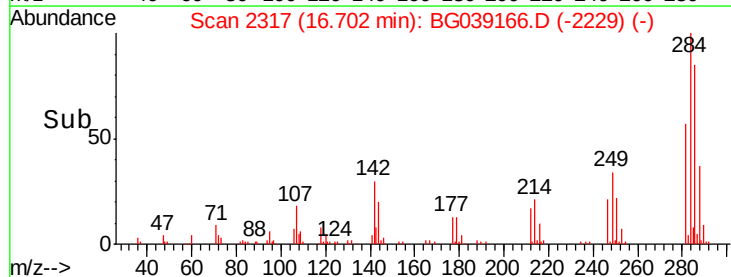
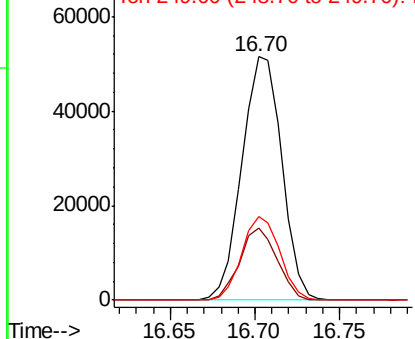


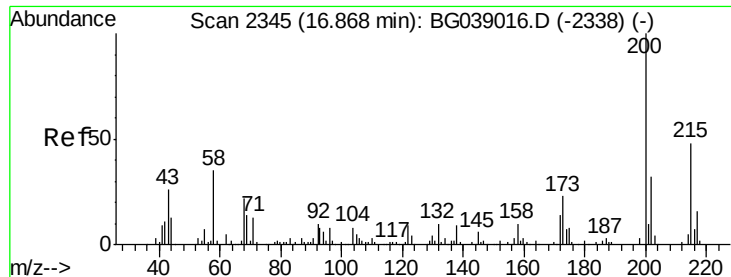
#68
 Hexachlorobenzene
 Concen: 38.798 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion:284 Resp: 84241
 Ion Ratio Lower Upper
 284 100
 142 29.7 24.3 36.5
 249 37.1 27.8 41.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.570 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

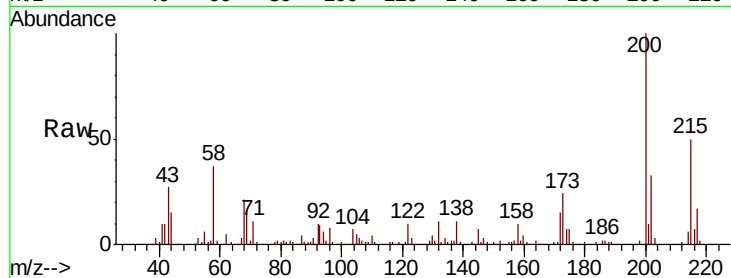
Tgt Ion:200 Resp: 73242

Ion Ratio Lower Upper

200 100

173 24.0 2.6 42.6

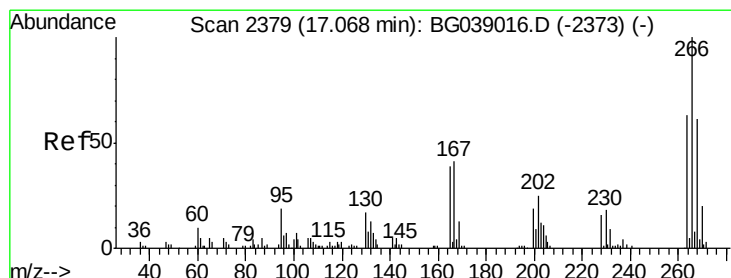
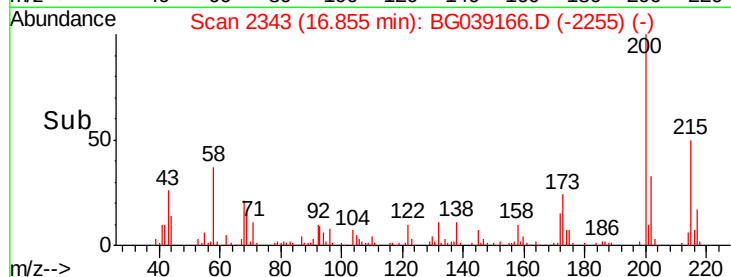
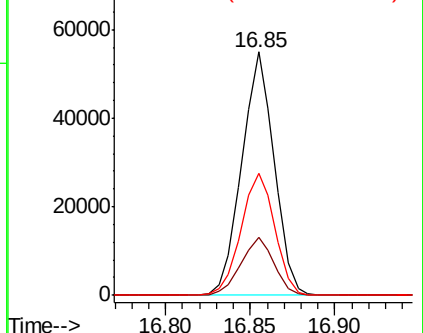
215 50.2 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 58.951 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

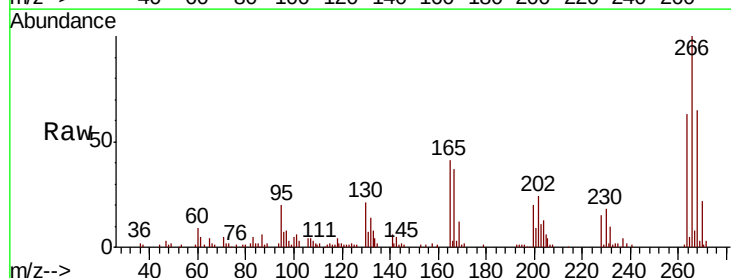
Tgt Ion:266 Resp: 76878

Ion Ratio Lower Upper

266 100

268 68.4 52.0 78.0

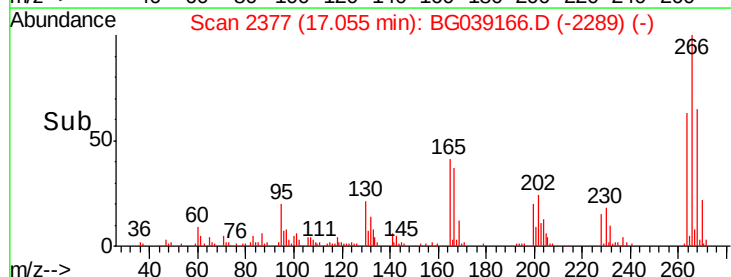
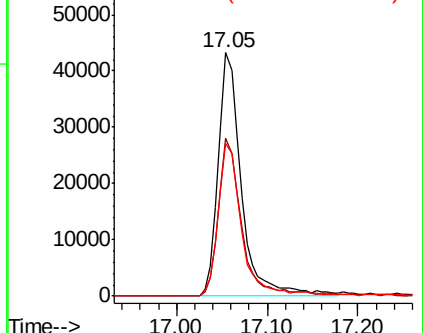
264 67.5 54.6 81.8

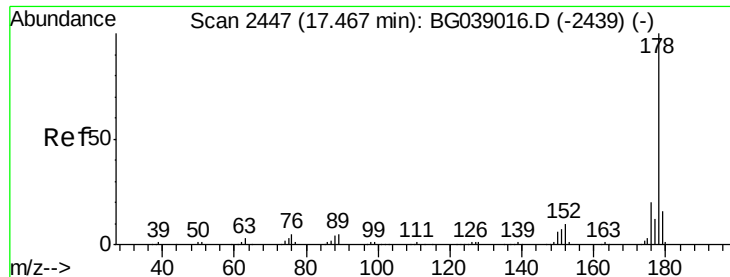


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

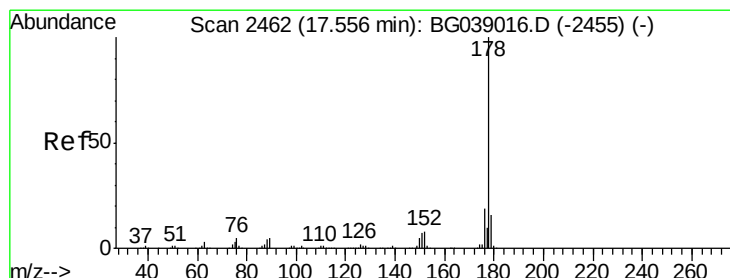
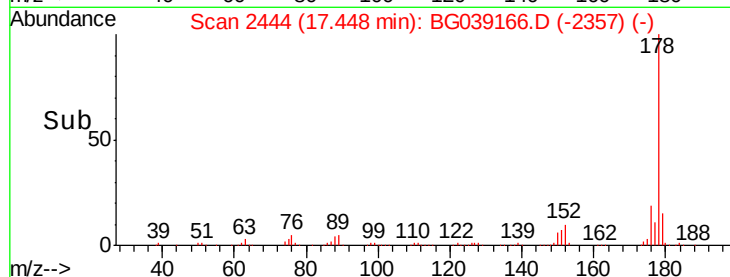
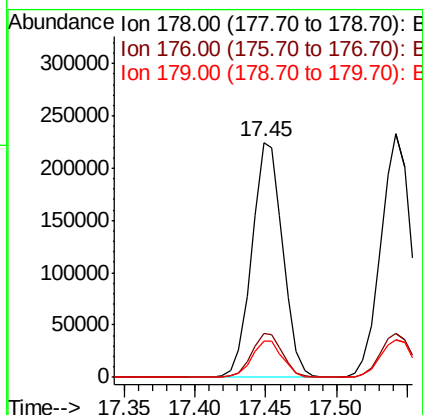
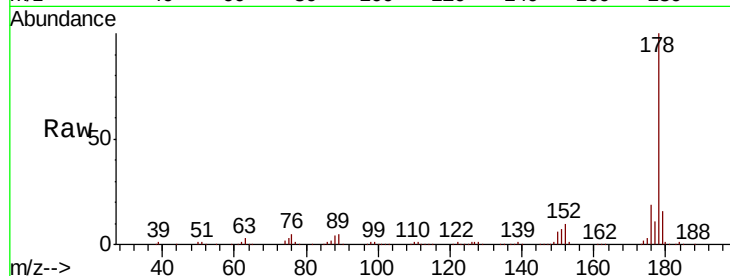




#71
Phenanthrene
Concen: 42.053 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

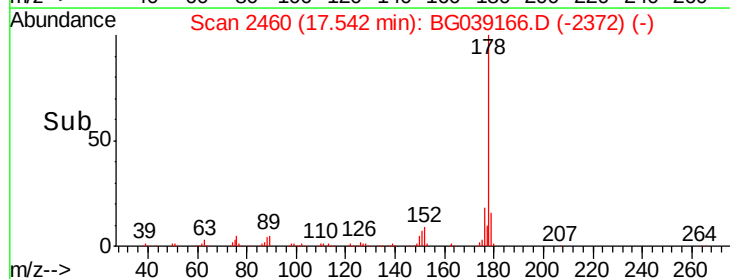
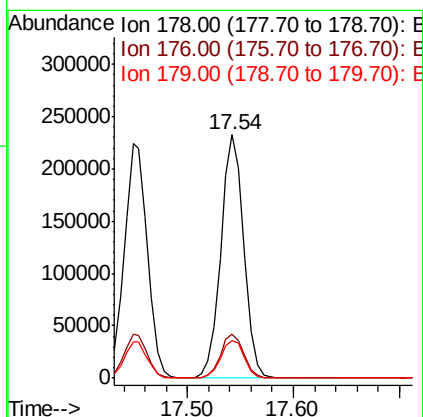
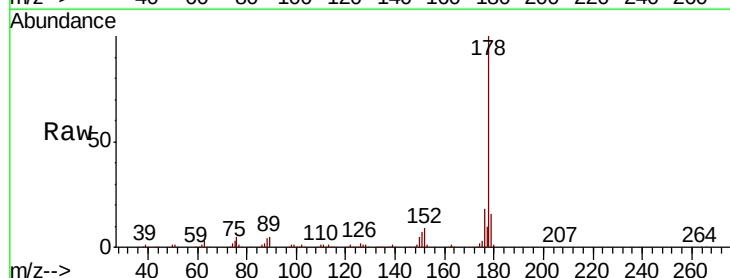
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

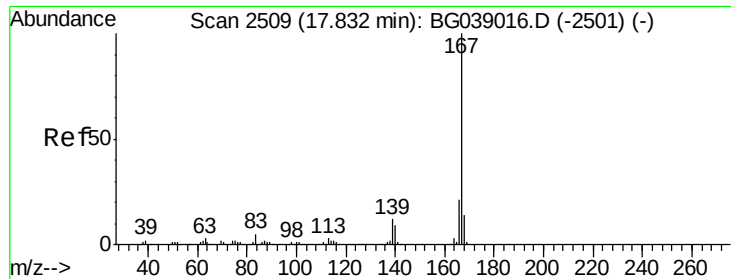
Tgt Ion:178 Resp: 344081
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.5 12.9 19.3



#72
Anthracene
Concen: 43.213 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:178 Resp: 349589
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.5 13.0 19.4

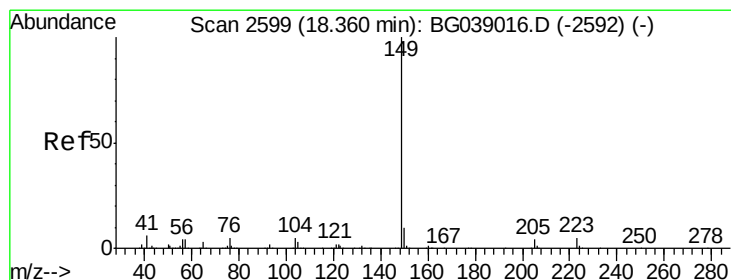
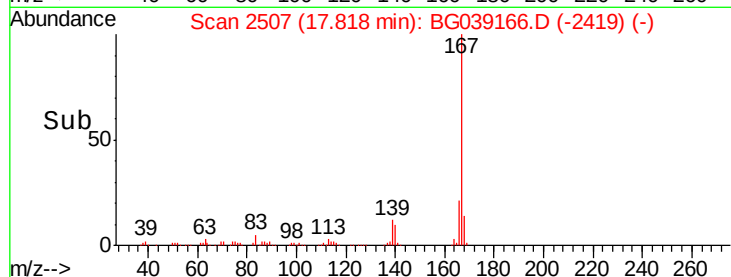
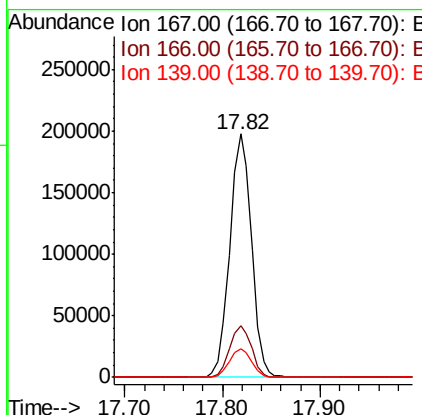
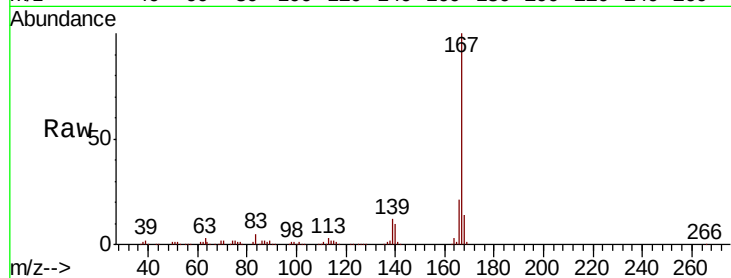




#73
 Carbazole
 Concen: 38.287 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

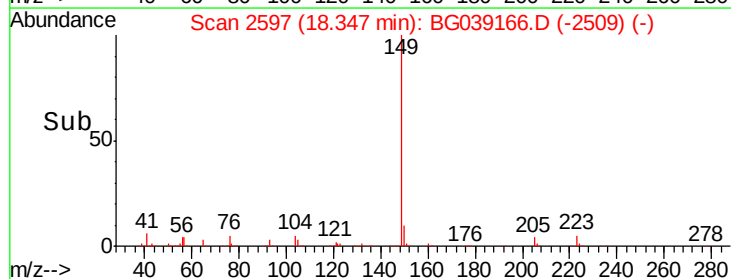
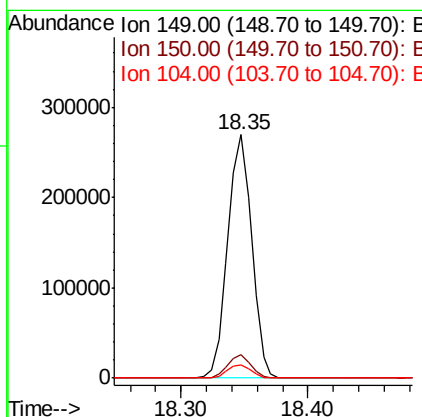
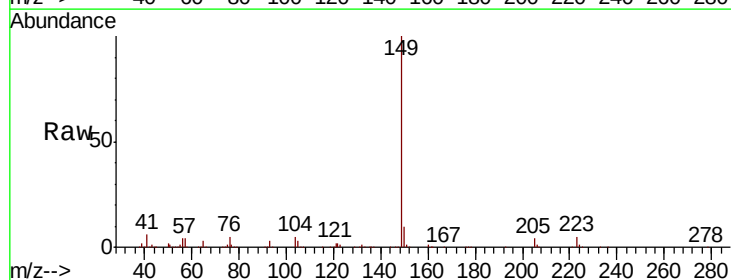
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

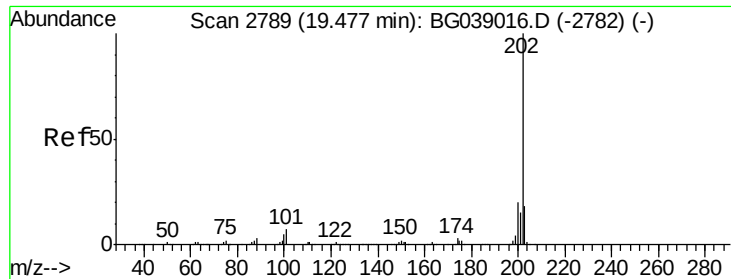
Tgt Ion:167 Resp: 305769
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 11.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 39.677 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion:149 Resp: 352508
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.9 11.9
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 45.757 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

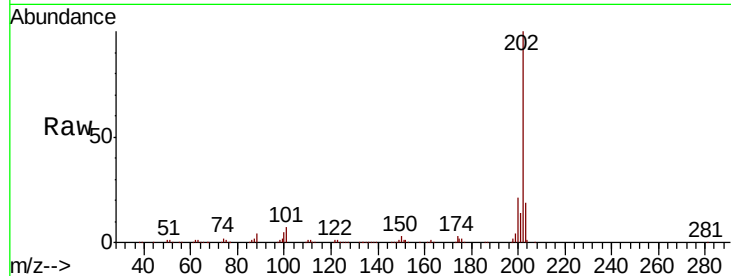
Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:	202	Resp:	464122
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.9
203	18.8	0.0	38.1

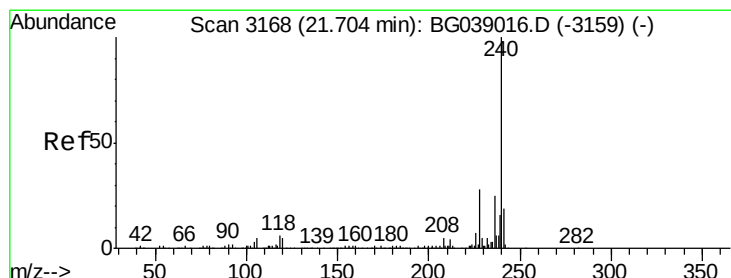
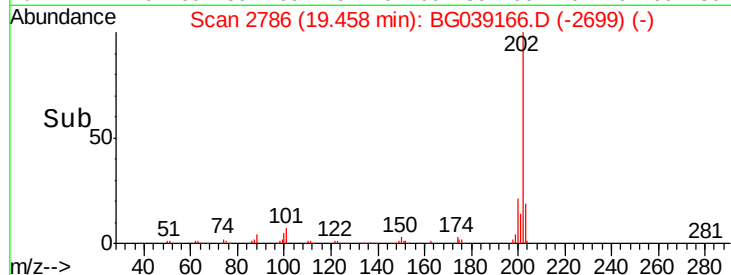
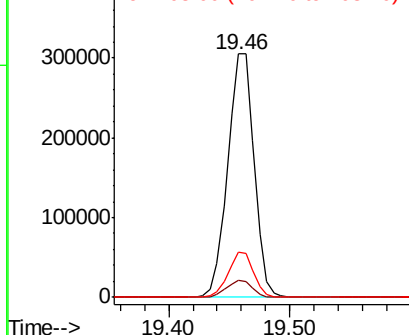


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

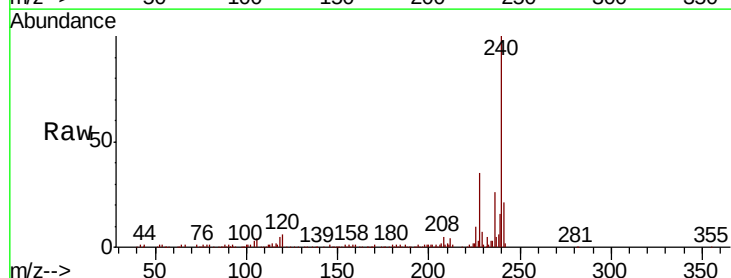
RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	240	Resp:	166252
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.3	6.5
236	26.3	20.1	30.1

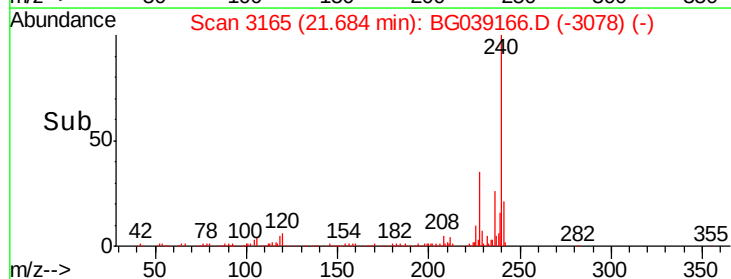
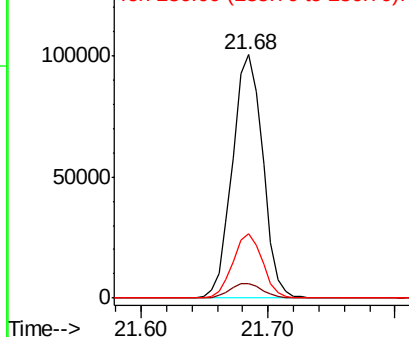


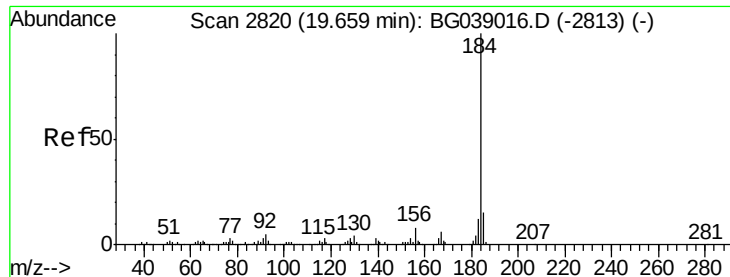
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.427 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

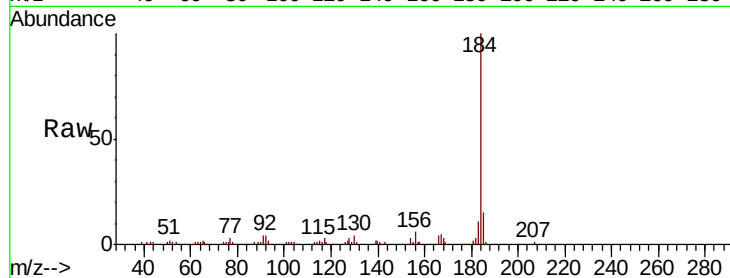
Tgt Ion:184 Resp: 68276

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

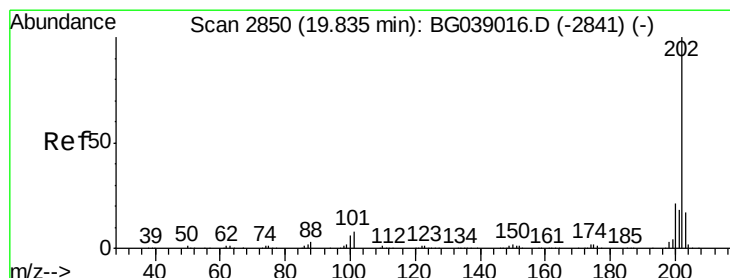
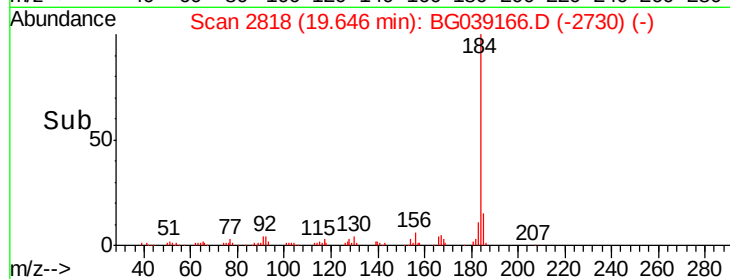
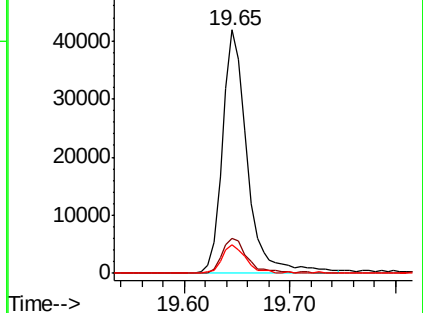
183 11.5 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.601 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

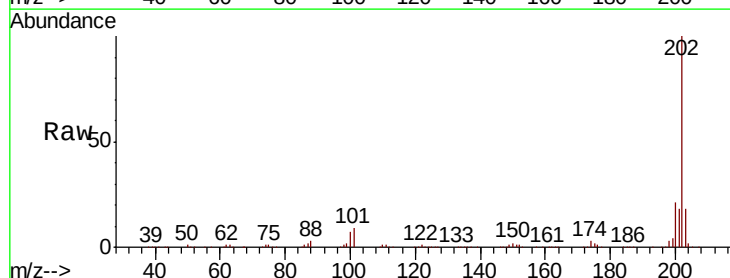
Tgt Ion:202 Resp: 504330

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

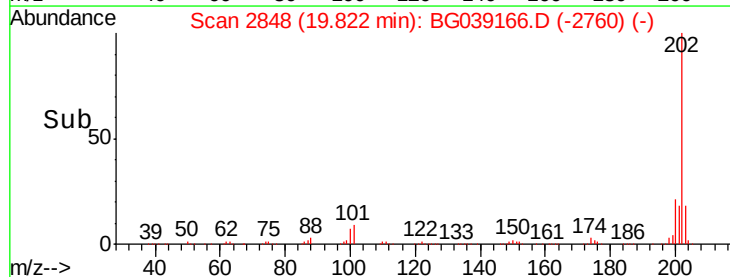
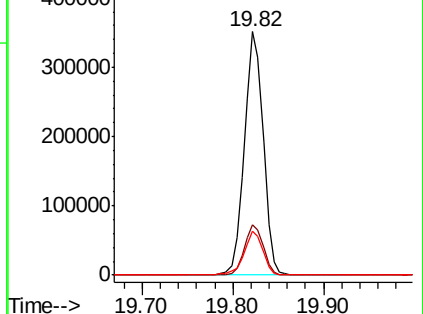
203 18.1 14.0 21.0

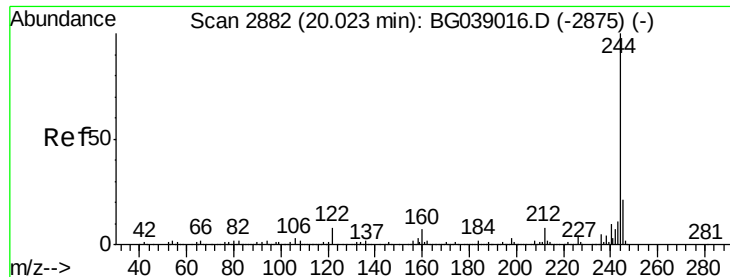


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.407 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

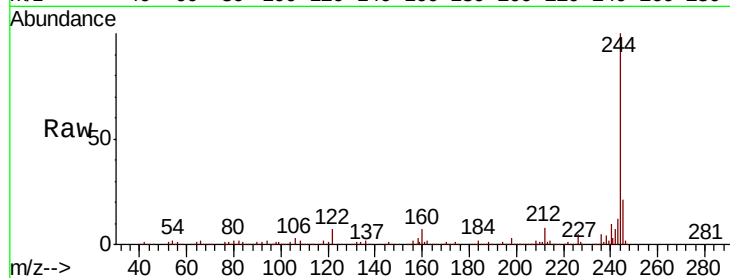
Tgt Ion:244 Resp: 767567

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

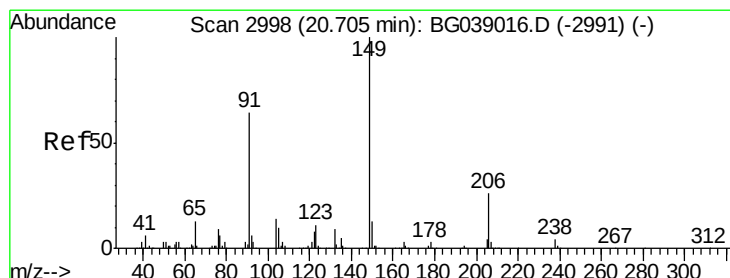
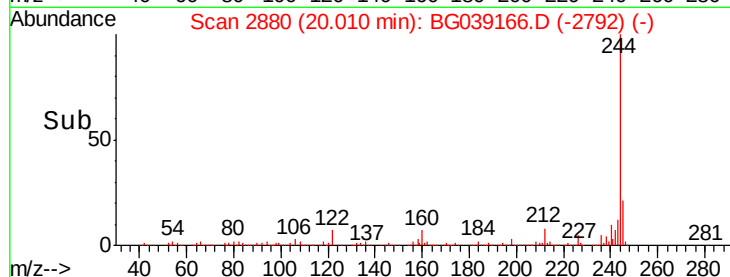
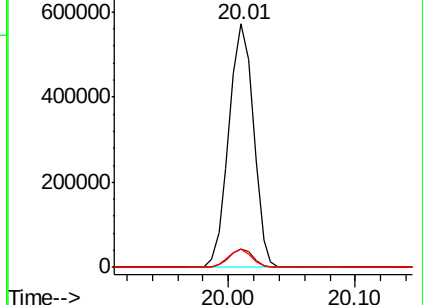
122 7.4 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.304 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

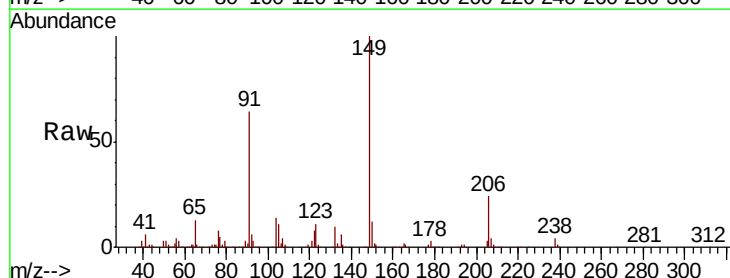
Tgt Ion:149 Resp: 218827

Ion Ratio Lower Upper

149 100

91 63.8 51.4 77.0

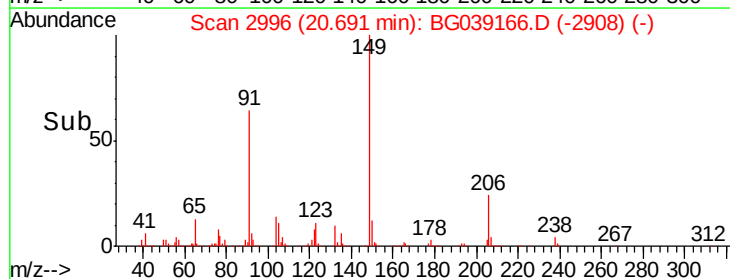
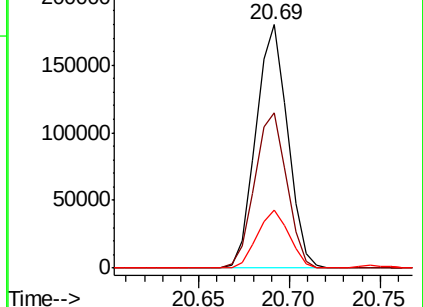
206 24.0 20.4 30.6

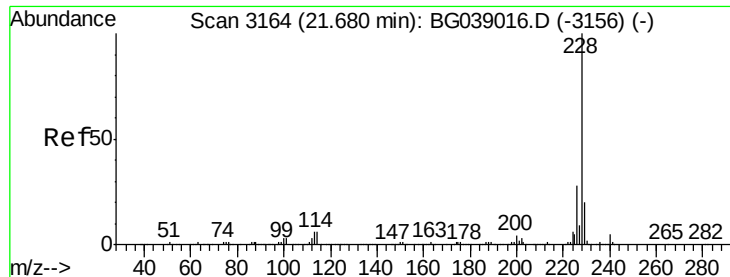


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

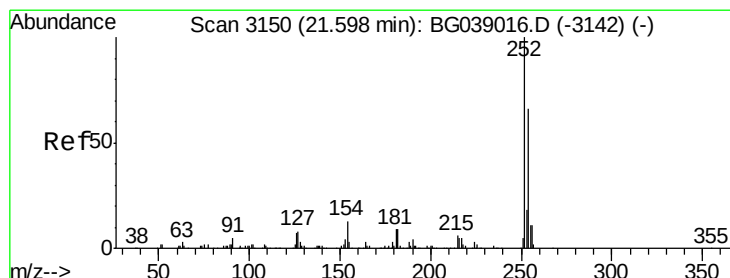
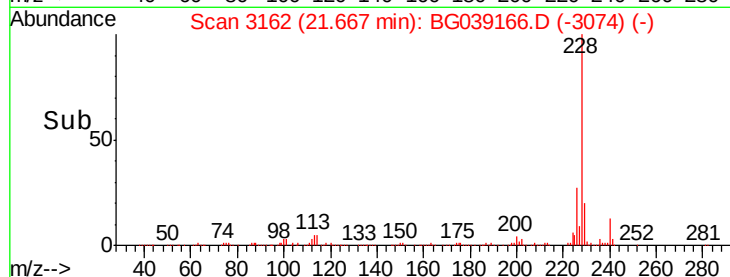
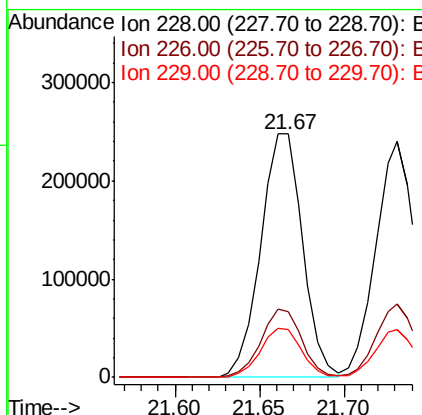
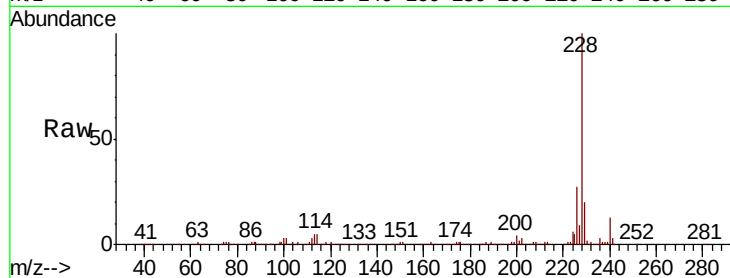




#81
Benzo(a)anthracene
Concen: 42.168 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

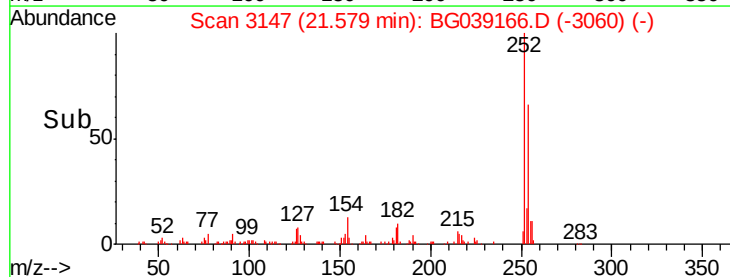
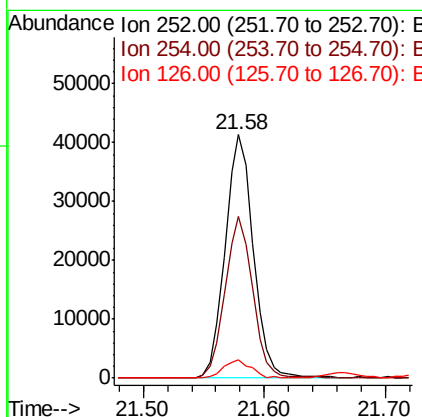
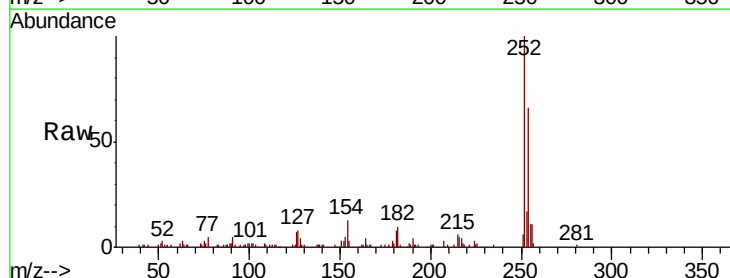
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

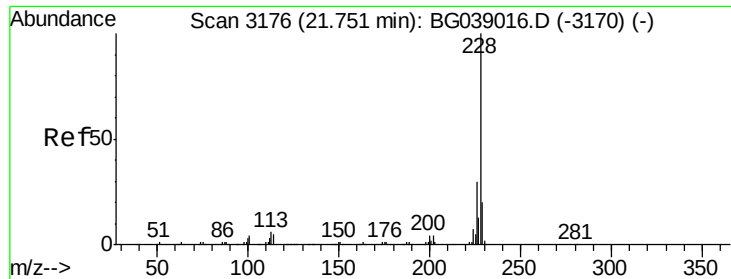
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.4	33.6
229	19.7	16.2	24.2



#82
3,3'-Dichlorobenzidine
Concen: 16.229 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.6
126	7.3	6.0	9.0

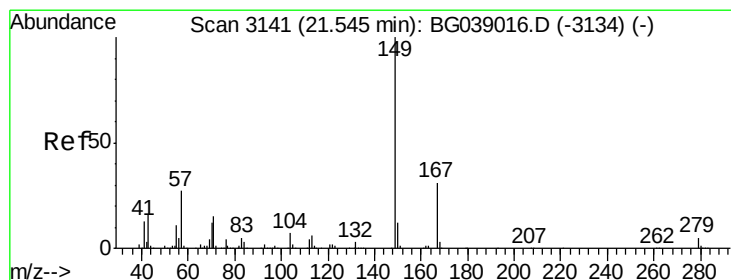
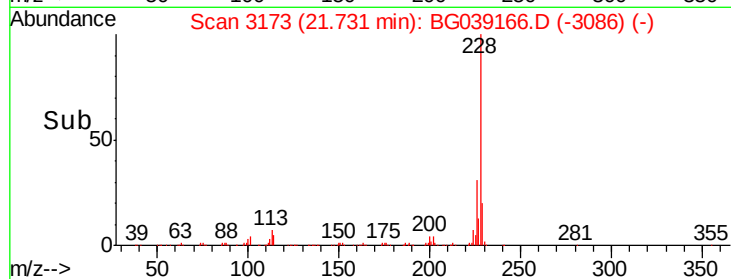
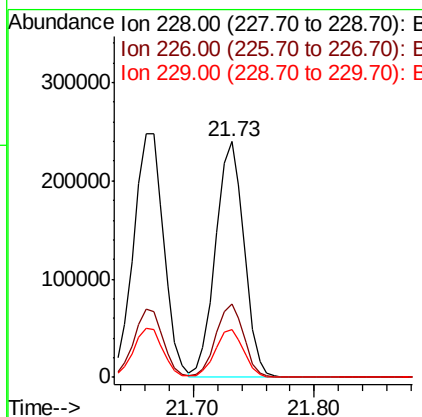
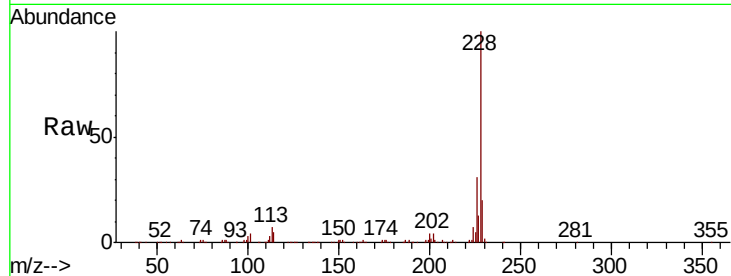




#83
Chrysene
 Concen: 40.438 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.02 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

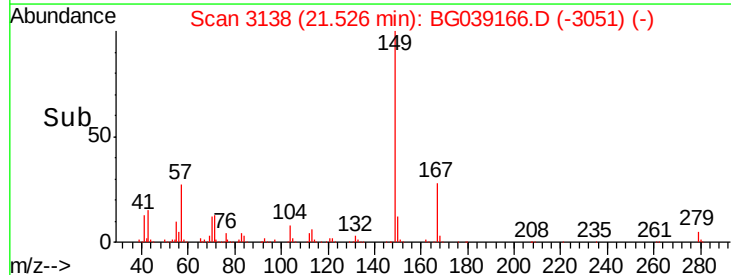
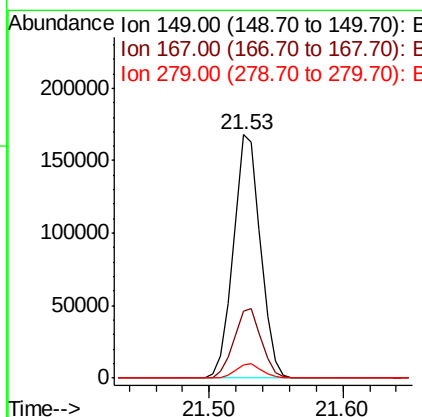
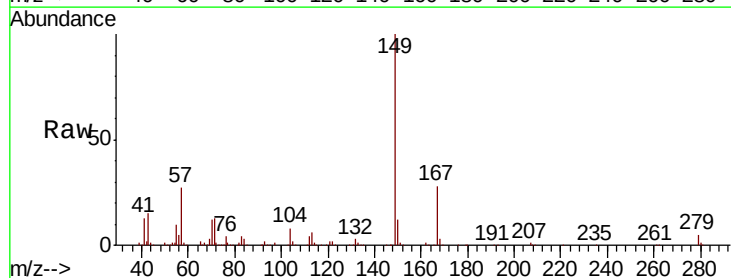
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

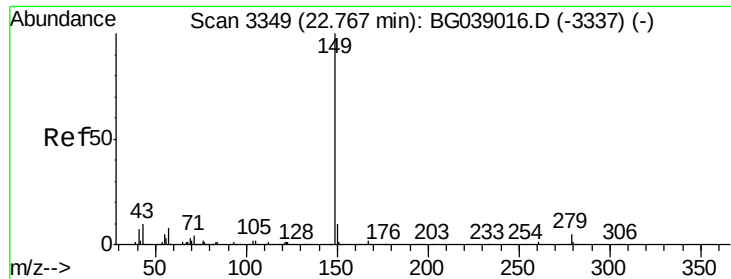
Tgt Ion: 228 Resp: 389240
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.1 36.1
 229 20.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
 Concen: 42.422 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG039166.D
 Acq: 16 Jan 2019 20:54

Tgt Ion: 149 Resp: 237363
 Ion Ratio Lower Upper
 149 100
 167 27.7 25.0 37.4
 279 5.4 4.3 6.5

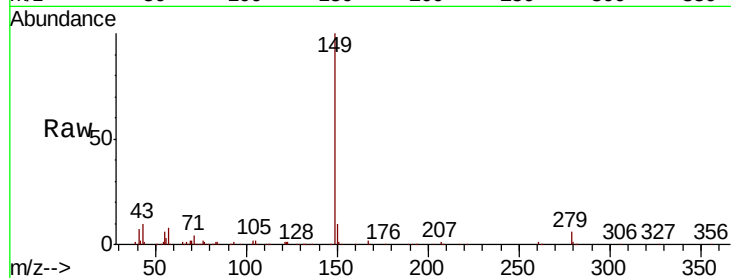




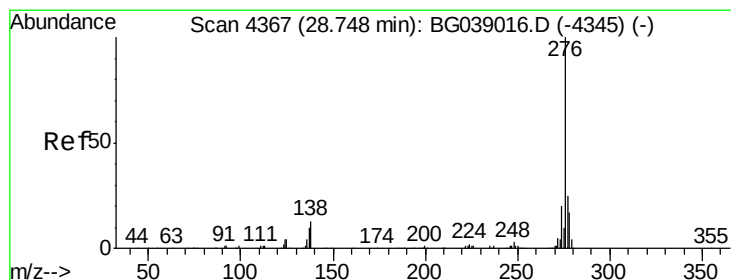
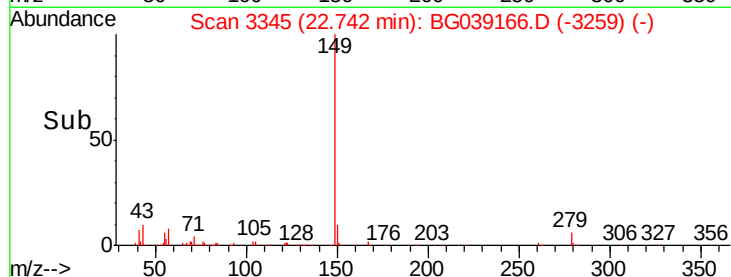
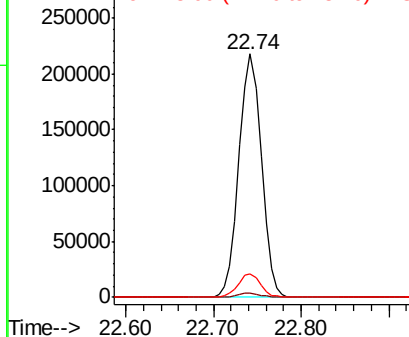
#85
Di-n-octyl phthalate
Concen: 39.856 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.03 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:149 Resp: 377085
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.6 7.5 11.3

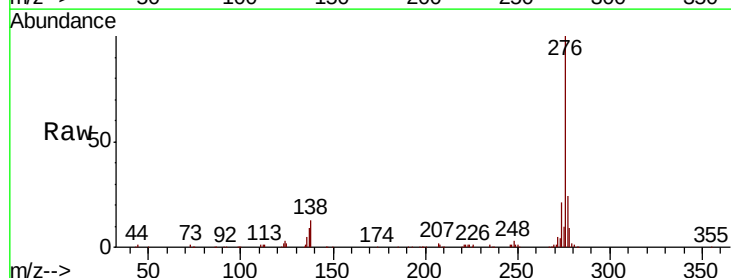


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

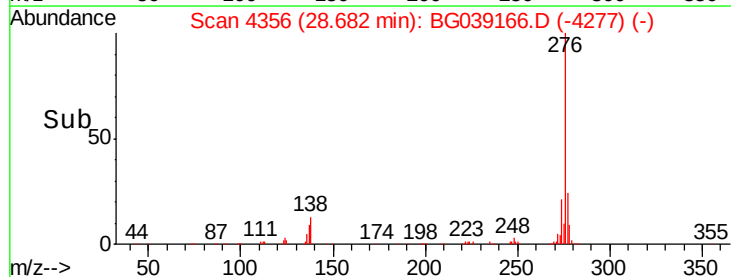
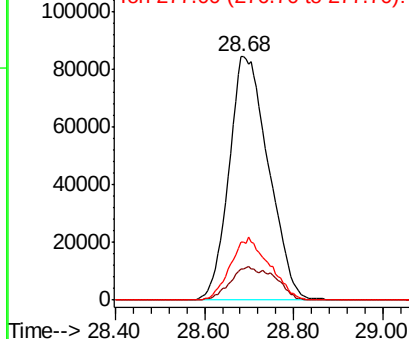


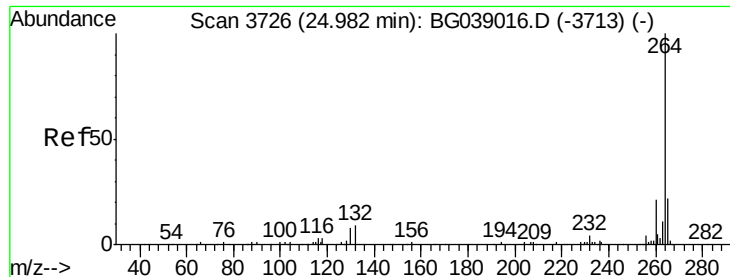
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.219 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.07 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion:276 Resp: 520092
Ion Ratio Lower Upper
276 100
138 15.5 8.0 12.0#
277 25.1 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



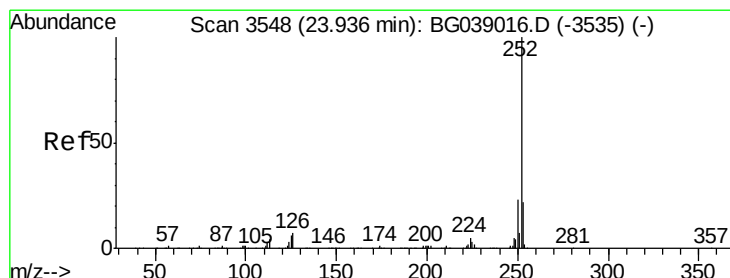
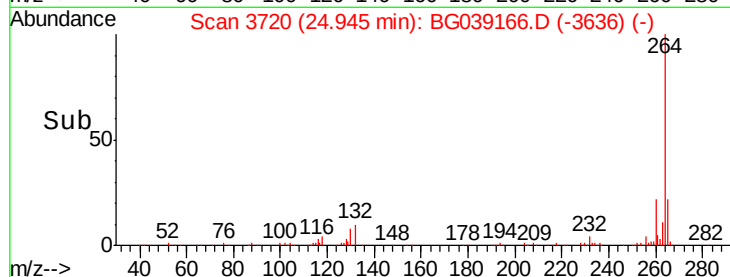
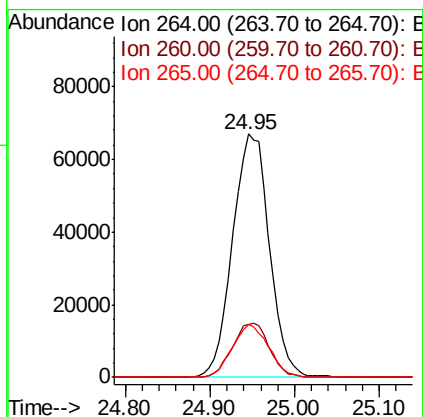
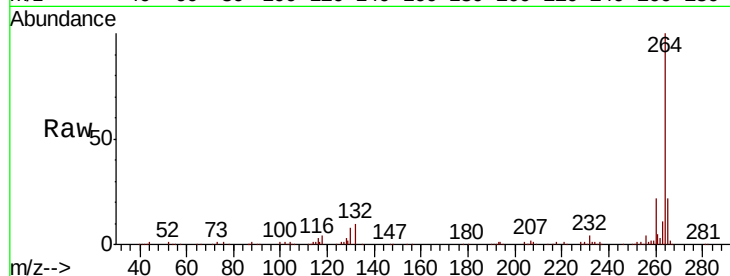


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.04 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion: 264 Resp: 201671

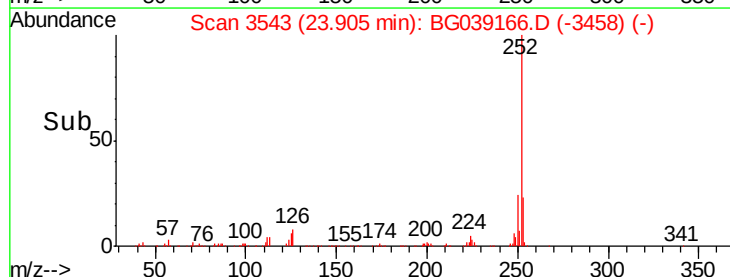
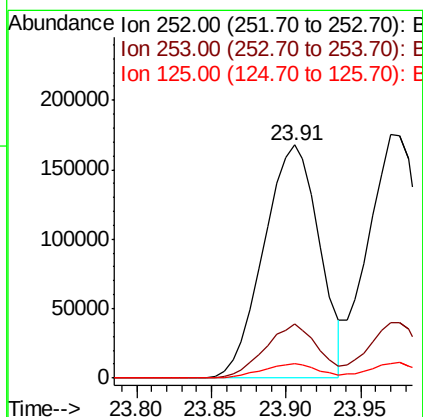
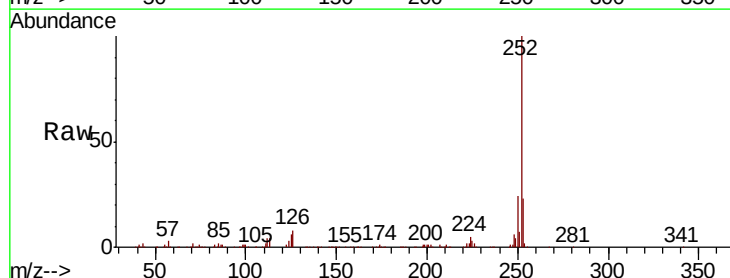
Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.0	25.6
265	22.0	17.2	25.8

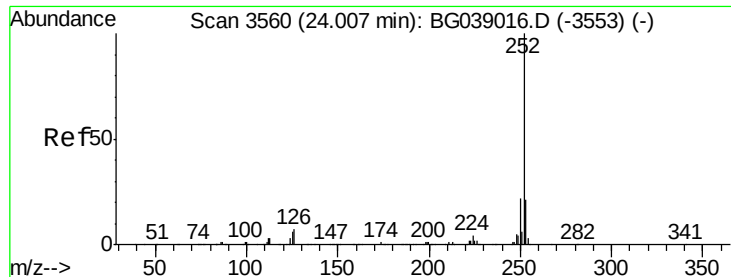


#88
Benzo(b)fluoranthene
Concen: 39.108 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.03 min
Lab File: BG039166.D
Acq: 16 Jan 2019 20:54

Tgt Ion: 252 Resp: 434886

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	6.2	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 39.483 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.04 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

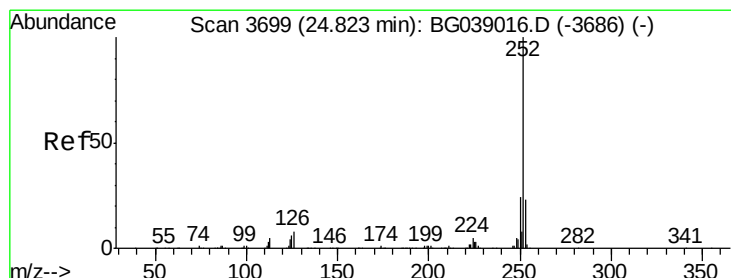
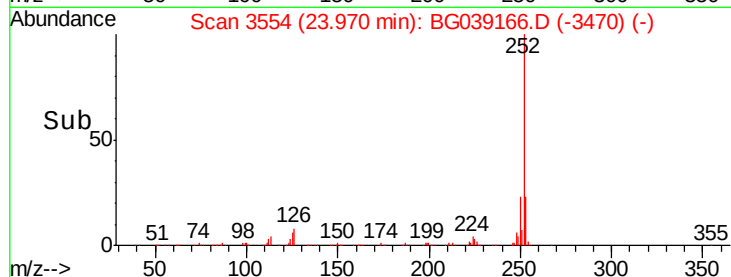
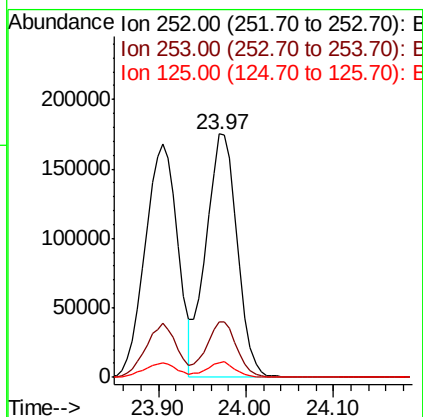
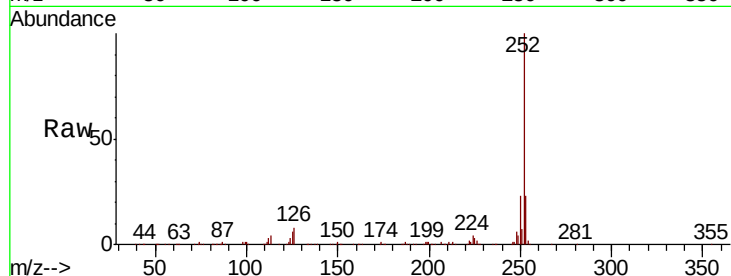
Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tgt Ion:	252	Resp:	434110
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	5.8	4.6	7.0



#90

Benzo(a)pyrene

Concen: 43.587 ng

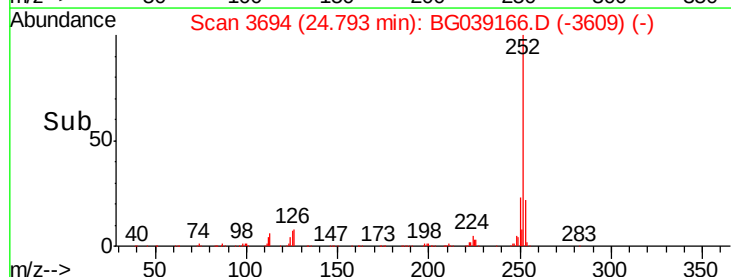
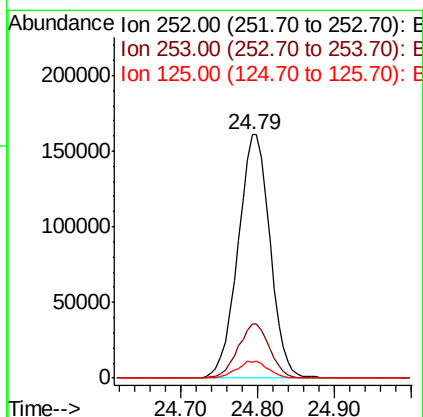
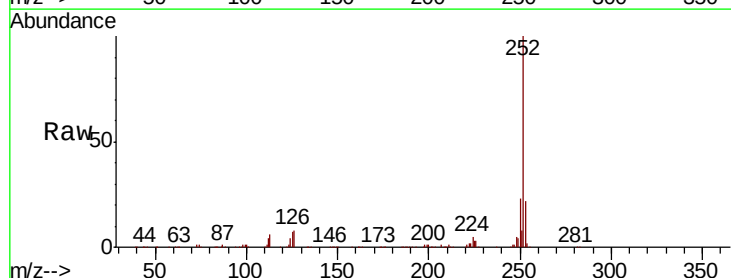
RT: 24.79 min Scan# 3694

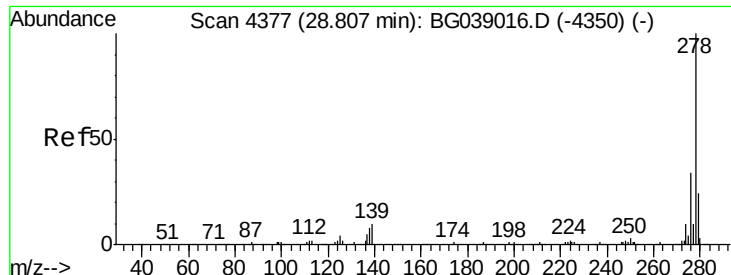
Delta R.T. -0.03 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Tgt Ion:	252	Resp:	468492
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	6.7	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 39.515 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.05 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

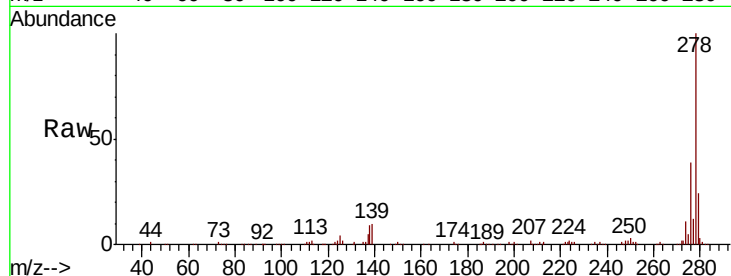
Tgt Ion: 278 Resp: 422465

Ion Ratio Lower Upper

278 100

139 9.8 7.9 11.9

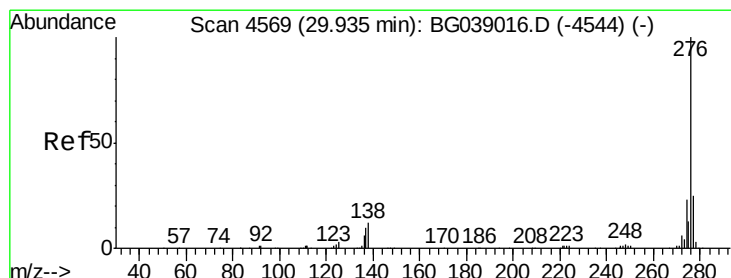
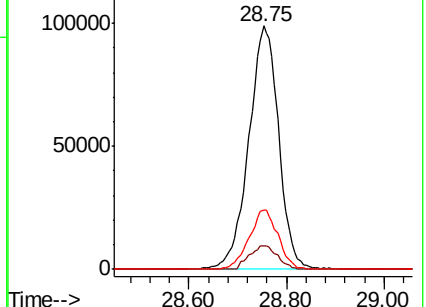
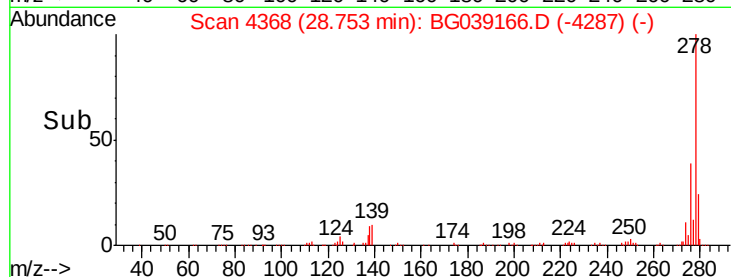
279 24.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.018 ng

RT: 29.87 min Scan# 4559

Delta R.T. -0.06 min

Lab File: BG039166.D

Acq: 16 Jan 2019 20:54

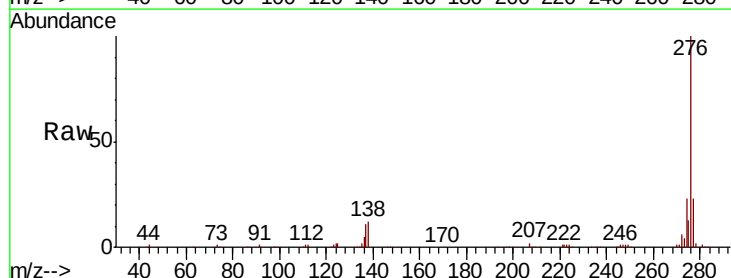
Tgt Ion: 276 Resp: 412969

Ion Ratio Lower Upper

276 100

277 23.2 20.3 30.5

138 11.5 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

